



SAFETY
& RELIABILITY
FOR ELECTRICAL
POWER

PRODUCT CATALOG

ITALIAN

EP.MERSEN.COM

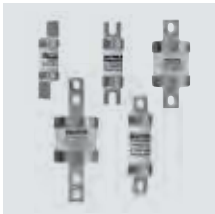
ELECTRICAL PROTECTION & CONTROL

DIFFERENTIATING GLOBAL PLATFORM
OF ELECTRICAL POWER COMPONENTS
FOR POWER DISTRIBUTION AND POWER CONTROL APPLICATIONS



4 GLOBAL PRODUCT LINES

IEC Fuses & Fusegear



BS88-2 fuses (gG, gM, gS)



Cylindrical FR fuses (gG, aM)



NH fuses (aM, gG, gTr)



D/DO fuses (aM, gG)



HelioProtection® gPV Fuses



HelioProtection® NH gPV



Modulostar® Cylindrical FR Fuse Holders



Linocur®, Innozed®,
DIN DO Fusegear



MULTIBLOC® Horizontal
NH Fuse Switch Disconnecter



MULTIVERT® Vertical
NH Fuses Switch Disconnecter



Low Voltage Switches



DIN and French Standard High
Voltage Fuses

UL/CSA Fuses & Fusegear



Class RK1



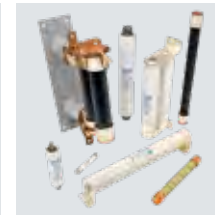
HSJ Class J
High-speed Fuses



CC-Midget



MPDB Power
Distribution Blocks



Medium Voltage



UL/CSA Fuse Holders

Surge Protection



UL SPD



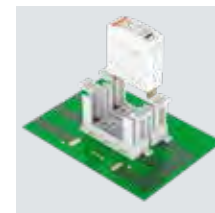
Outdoor LED Lighting Protection



IEC SPD Pluggable



IEC SPD Non-pluggable



PCB surge protection base

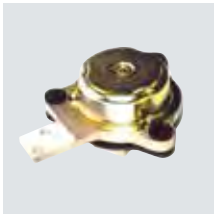
SOLUTIONS FOR POWER MANAGEMENT

ADVANCED PASSIVE & HYBRID COMPONENTS
FOR INVERTER AND BATTERY STORAGE
POWER MANAGEMENT

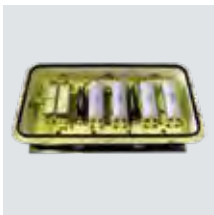


4 GLOBAL PRODUCT LINES

Power Transfer for Rail Vehicles



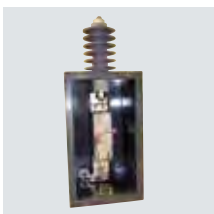
Earth Current Return Units



Fuse Box



3rd rail Current Collector Device



Surge Arresters

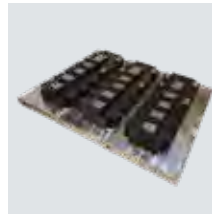


On-board Switch

Cooling



Air cooling



Liquid Cooling Cold Plate

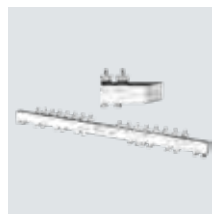


Heatpipes

Bus Bars



Busbar for power converter and inverter, high voltage, high T° , low inductance

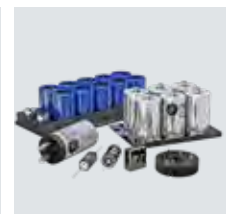


Multilayer Laminated busbar for power distribution



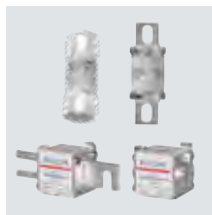
Busbar with monitoring feature for battery connection

Power capacitors



Electrolytic and film Capacitors, busbar-cap assemblies

Over current protection for semiconductors & batteries: high speed fuses & hybrid devices



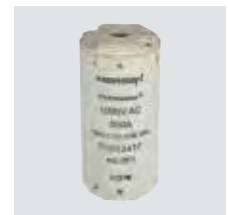
Square & Cylindrical fuses



Round American fuses



High-performance fuses



Rotating fuses



BS88-4 fuses



NH fuses



Xp & Xs hybrid devices



Custom design fuses

IEC/FR - LOW VOLTAGE FUSE-SYSTEM 28 - 48

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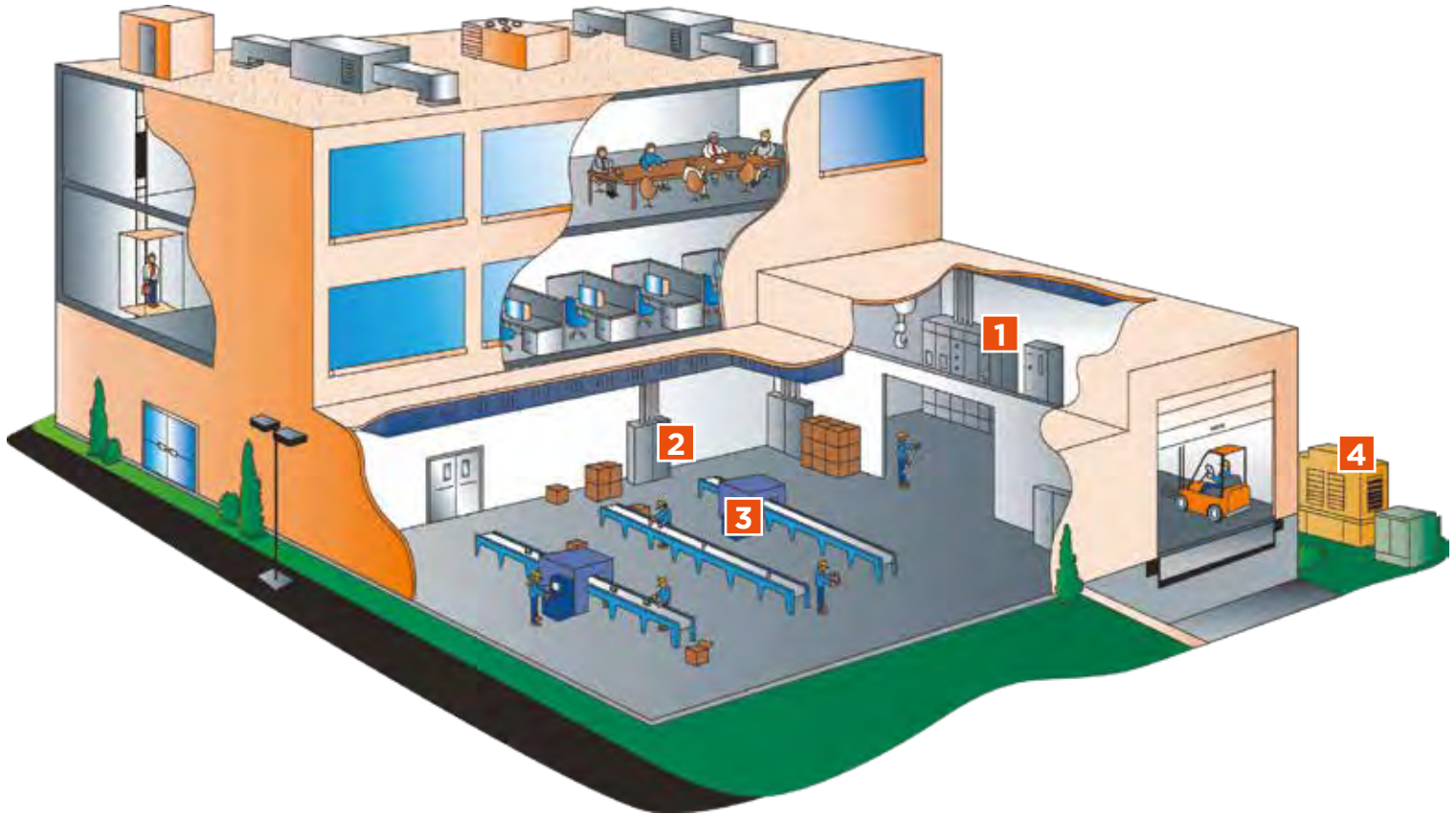
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Keeping industry safe with electrical protection products that mitigate arc flash hazards



It's your responsibility to protect your people and equipment. The explosive energies reached during an arc flash – intense heat, thermoacoustic shock wave, molten metal, shrapnel, blinding light, toxic smoke – can cause severe, often fatal, injuries to workers even several feet away. It's imperative that your electrical systems are protected – and Mersen electrical protection components can provide the peace of mind you need to keep your employees and equipment safe.

1 POWER DISTRIBUTION



2 MOTOR CONTROL CENTER



3 MACHINE CONTROL AND MOTOR PROTECTION

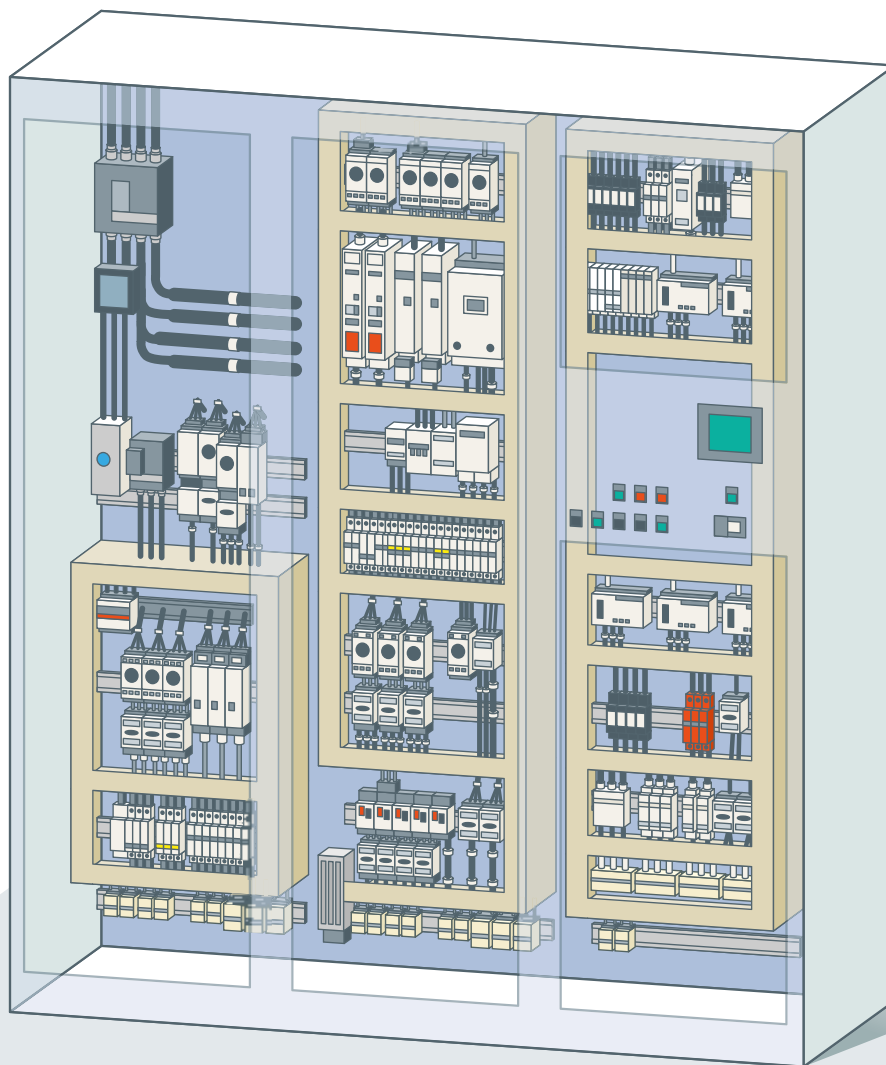


4 MV/LV TRANSFORMER SUBSTATION



Mersen electrical components protect your buildings from the ground up

Count on Mersen to provide the electrical protection components that are integral to safe operation of your building's electrical systems. Whether it's to safely disconnect circuits during an emergency, fuses with high interrupting ratings, or surge protection to protect from overcurrent or overvoltage events originating inside or outside your building, Mersen has the products you need to keep your systems safe.



LV FUSE-LINKS, FUSE-HOLDERS, FUSE-SWITCH

IEC FR Standard



IEC DIN Standard



IEC BS Standard



LOAD BREAK SWITCH & DISCONNECT SWITCH

Switch Fuse Disconnect



Fuse Switch Disconnect

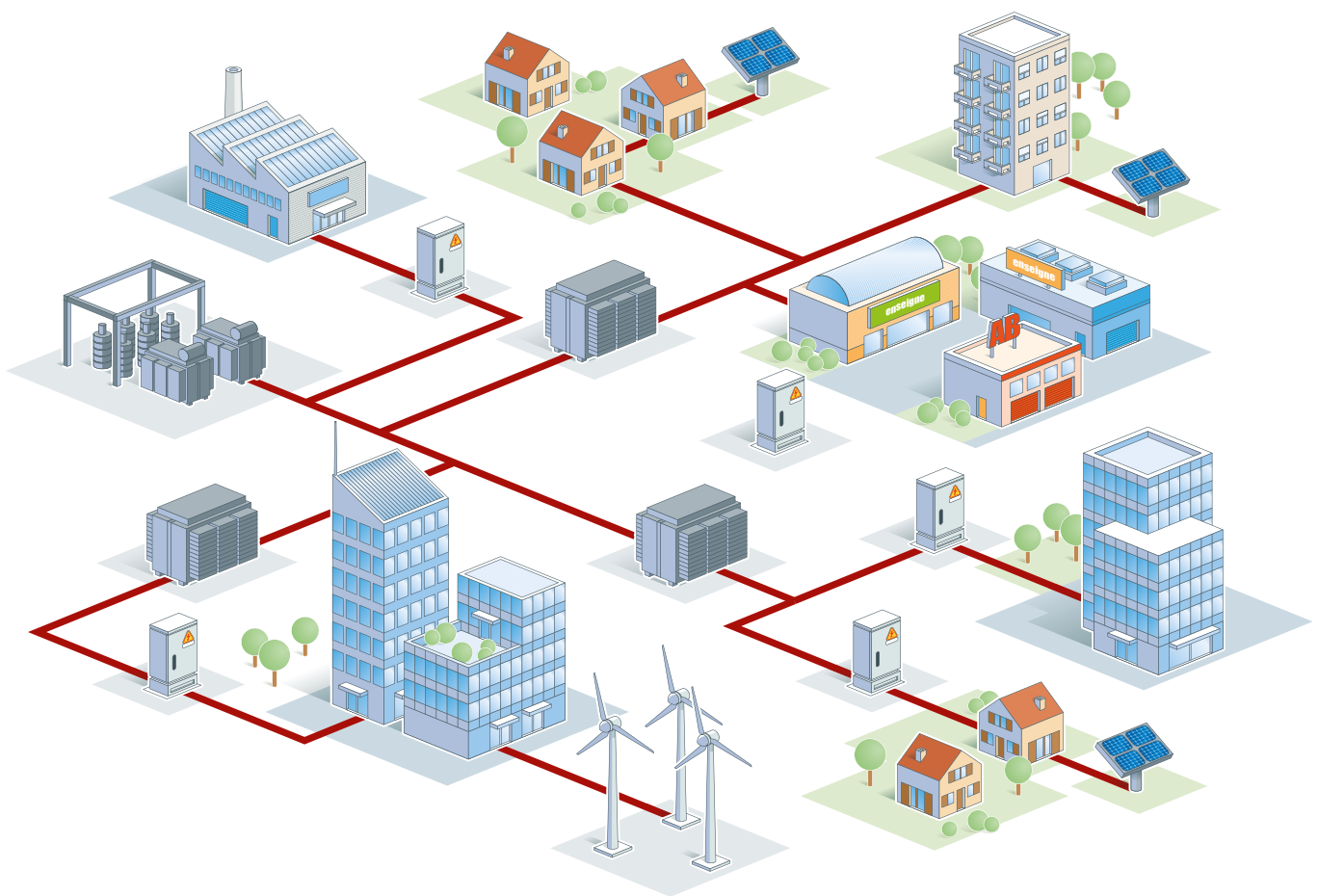


SURGE PROTECTION DEVICES



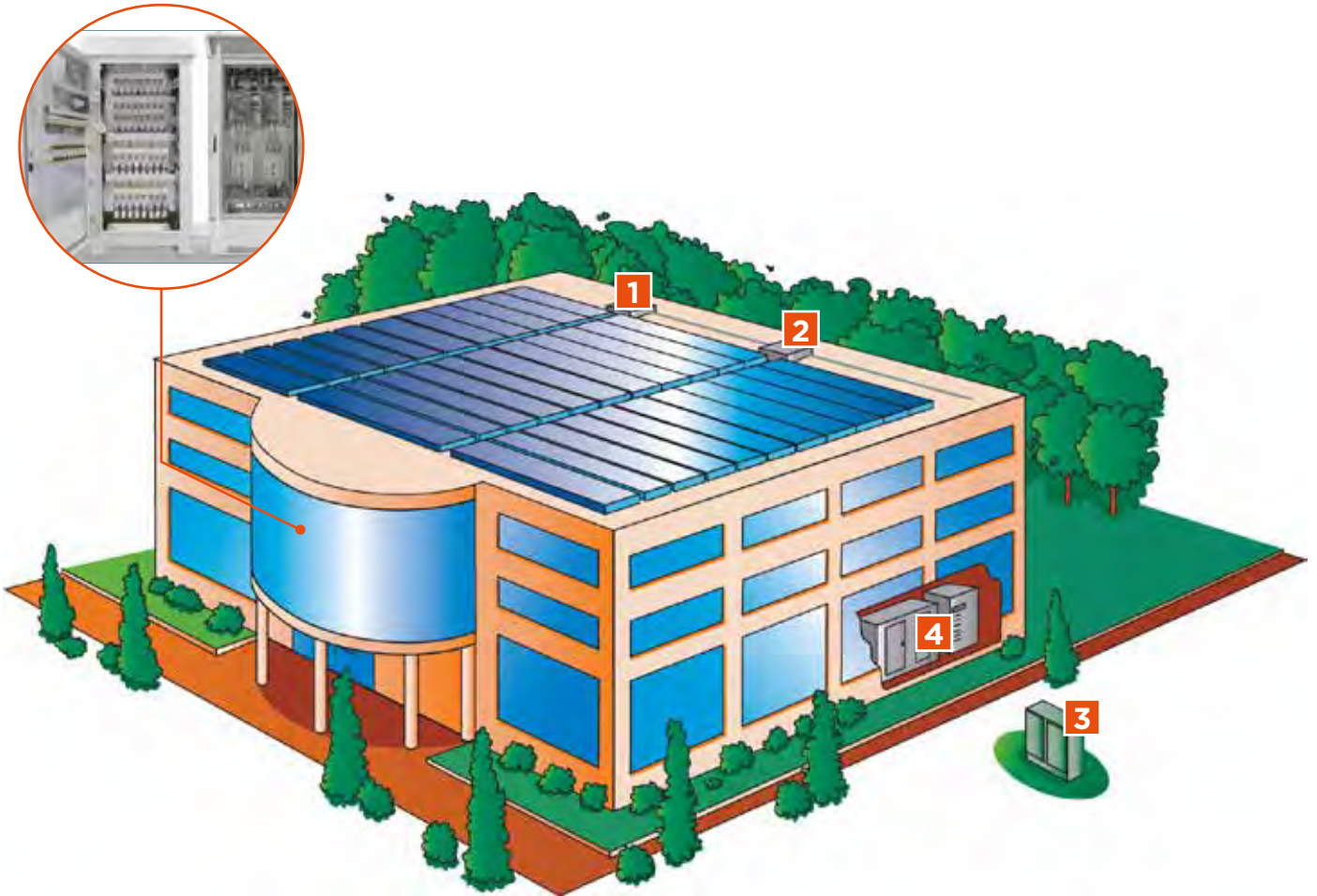
Electrical Utility Distribution network Protect - Disconnect - Switch - Monitor

- Medium voltage Transformer substation
- Low voltage Public Distribution cabinet / Feeder pillars



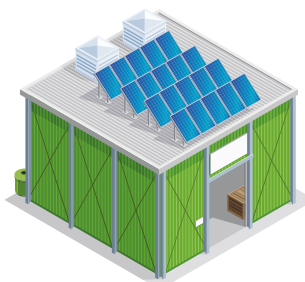


Protect your solar power investment with components specifically designed for for roof top PV applications



Residential 5 to 36kW

Mersen is a trusted partner of electrical equipment distributors and played a leadership role in solar power circuit protection long before the boom reached the residential market, i.e. for private homes, small apartment buildings and farm buildings.



Commercial and Industrial 36 to 250kW

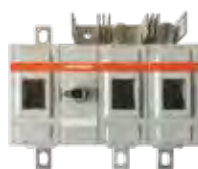
The walls and roofs of buildings - office towers, factories, malls and warehouses - are among the preferred supports for solar power systems. Architects and developers have grasped the importance of this energy revolution, and more of them are recommending “green” solutions.

1 COMBINER BOX AT STRING AND ARRAY LEVEL

gPV fuse-links and fuse-holders



DC switches



Surge Protection Devices



2 RECOMBINER BOX ON DC SIDE OF INVERTER

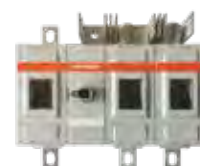
Surge protection devices



gPV fuse-links NH



DC switches



3 UTILITY ELECTRICAL CABINET



Surge protection



Fuse Switch Disconnects & Fuse-links



4 AC ELECTRICAL PANEL BOARD

Surge protection devices

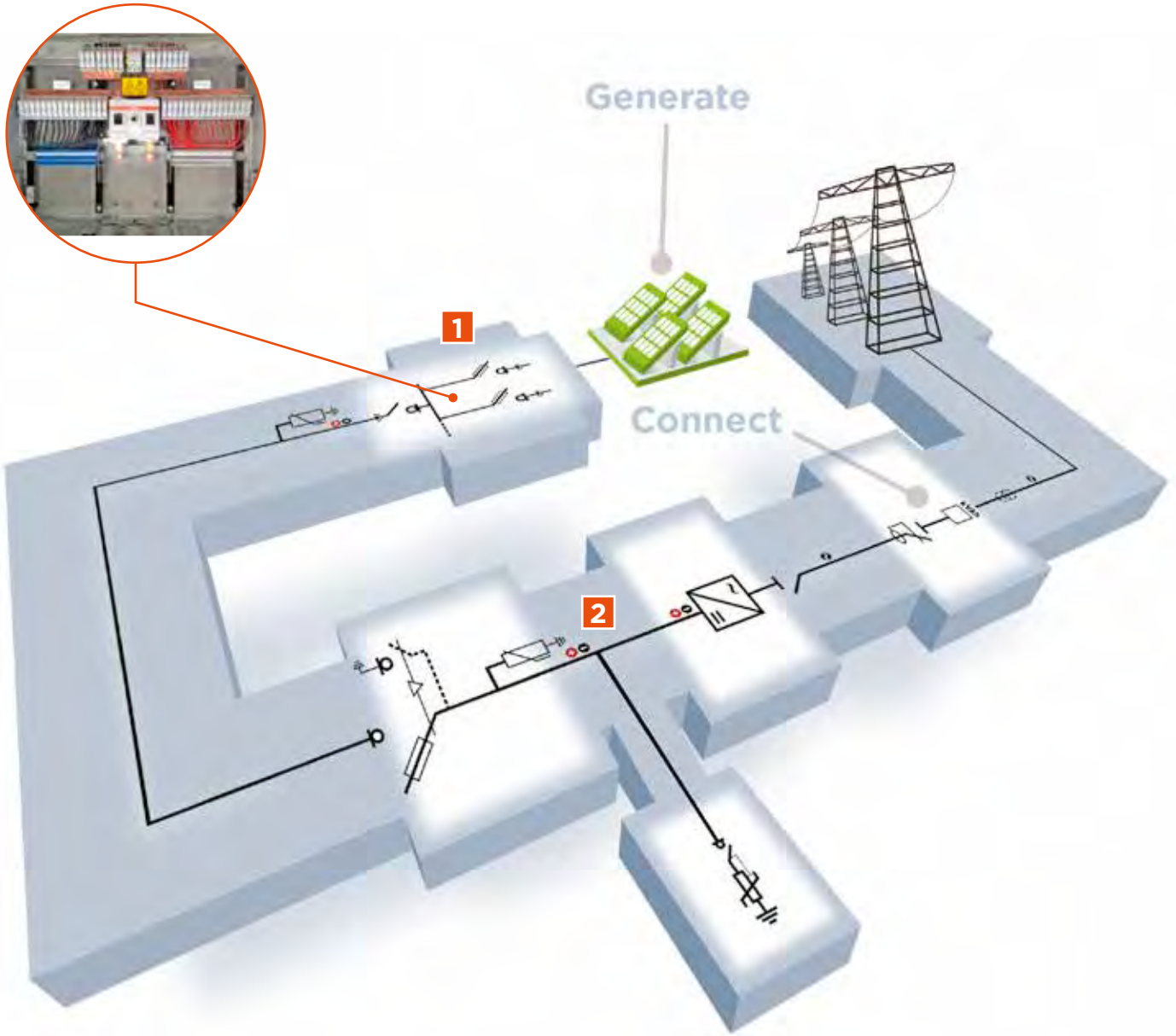


5 DC/AC INVERTER

High Speed Fuses, Cooling and Busbar



Protect your solar power investment with components specifically designed for solar plant PV applications



Utility and Solar Farm Over 250kW

In this type of application, the architecture is centered on an automatic monitoring and control system. Mersen caters to this critical market with electrical protection that safely and reliably protects the solar power investment.

1 COMBINER BOX AT STRING OR ARRAY LEVEL

gPV fuse-links and fuse-holders



DC switches



Surge Protection Devices

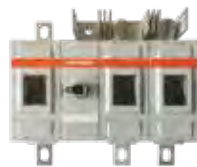


2 RECOMBINER BOX AT CENTRAL INVERTER LEVEL

DC Surge protection devices



DC switches



gPV fuse-links and bases

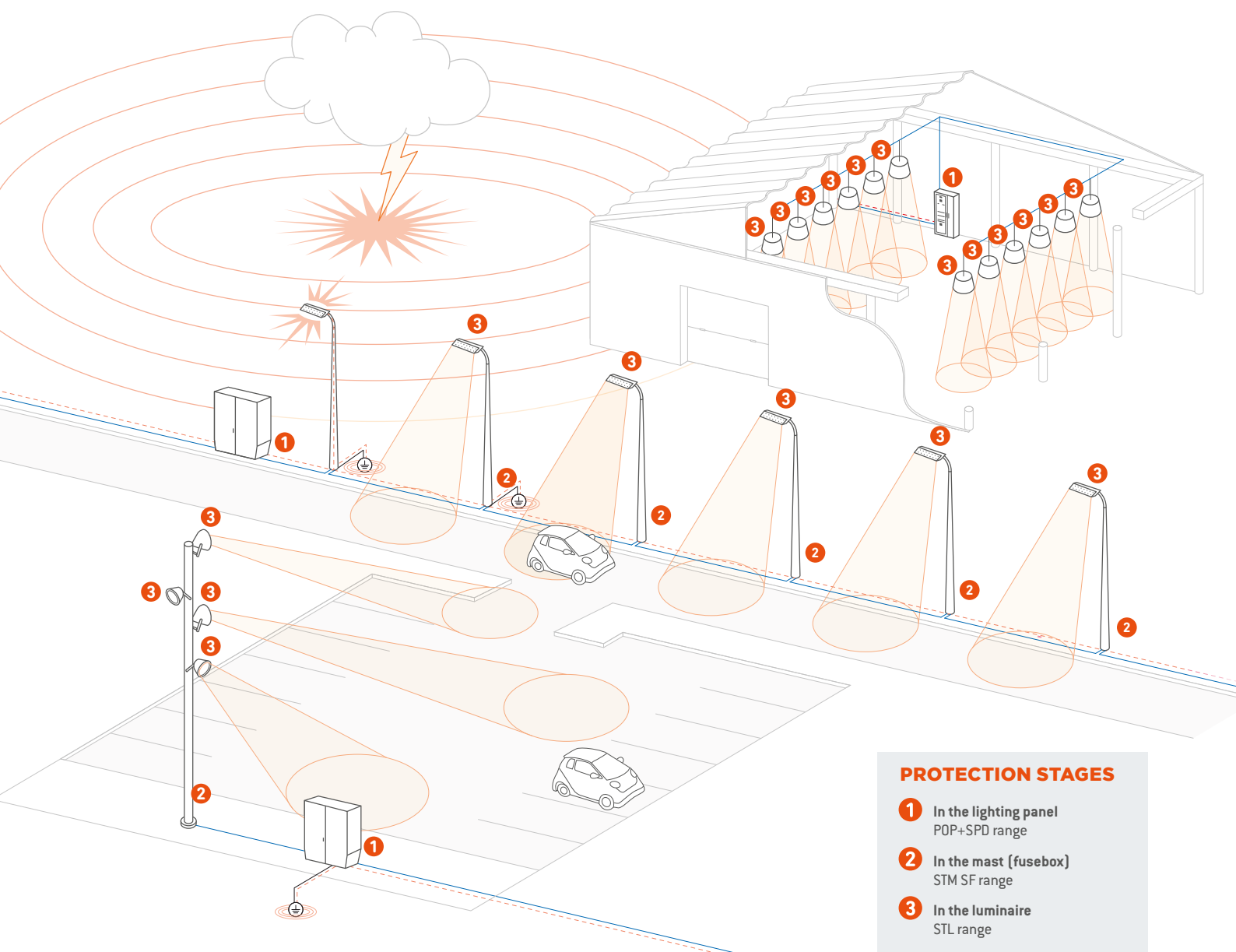


3 DC/AC INVERTER

High Speed Fuses, Cooling and Busbar



Focus Product for Street & LED Lighting



1

Overtoltage Protection
First stage (In the panel)



2

Surge Protection
In the mast (fusebox)



Fuses
In the mast (fusebox)



Fuse Box



3

Surge Protection
In the luminaire (OEM / retrofit)



Components designed to protect your e-mobility power applications

PDU: Power Distribution Unit
 BDU: Battery Disconnect Unit
 MSD: Maintenance Safety Disconnect
 OCPD: Over Current Protection Device
 SPD: Surge Protective Device

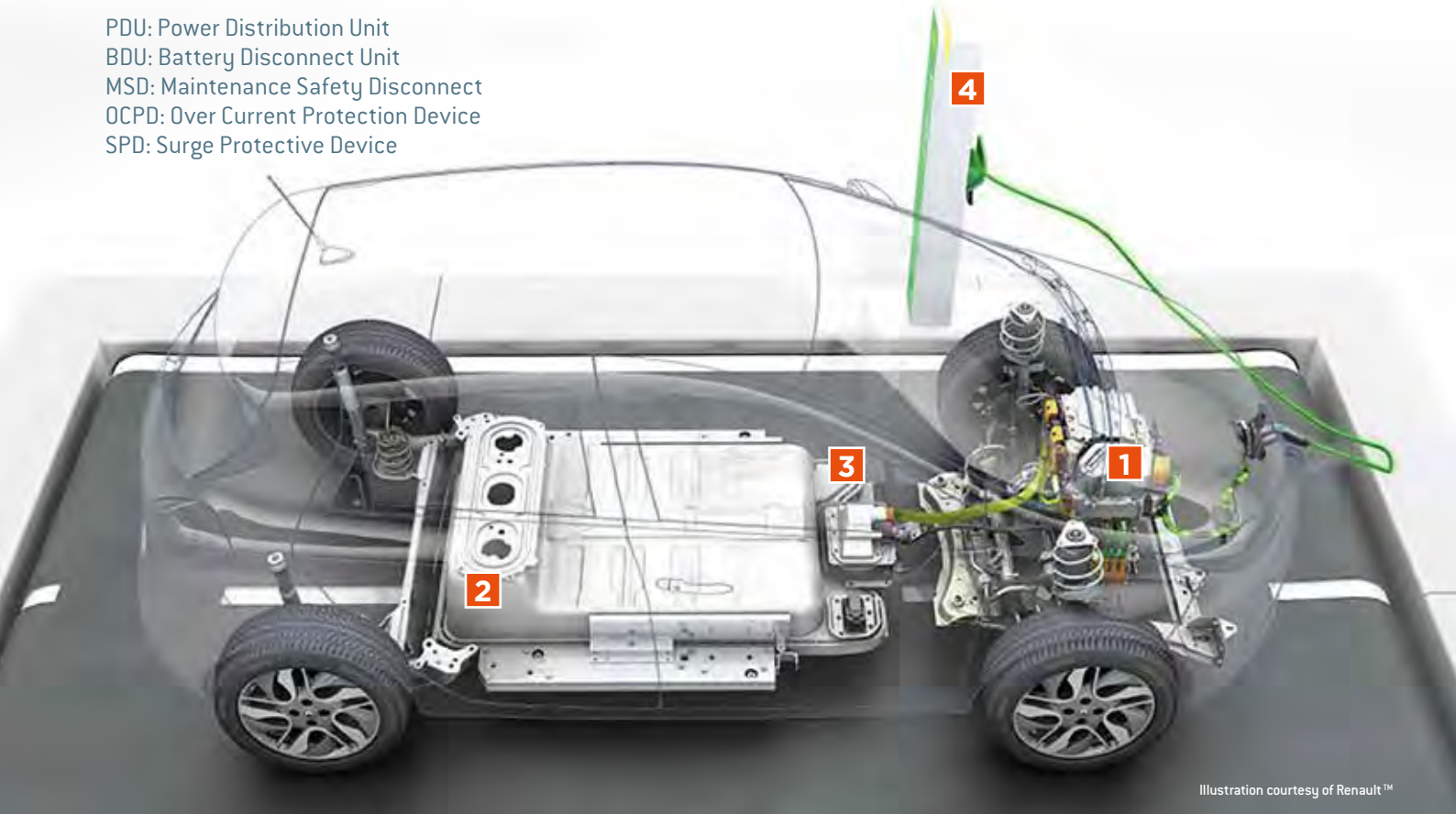


Illustration courtesy of Renault™

With the continuous growth of DC battery-related applications on mobile platforms such as Electric Vehicles, comes the need for better operation, management, and protection of such loads.

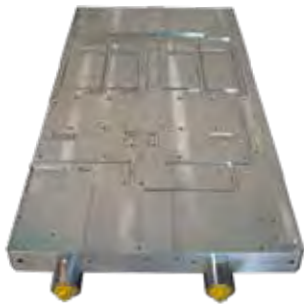
Protection and Operation: Mersen has developed a broad range of DC Over Current Protection (OCP) devices, based upon incumbent DC fuse technology as well as disruptive hybrid approach (pyro-technique and semiconductor based) designed to safely clear both high and low DC fault currents to help protect the vehicle electronics and occupants. Mersen Surge Protective Devices bring an additional layer of protection in case of overvoltage faults within the electrical systems. Hybrid DC Power Relays by Mersen can safely switch high DC voltage loads with superior cycling capability.

Management: Electric vehicle battery monitoring laminated bus bars from Mersen incorporate power and monitoring signals into a single compact and reliable platform, improving the safe operation of onboard batteries. Custom designed robust, reliable, and compact vacuum brazed cold plates are a must for cooling batteries as well as inverters in e-mobility power applications.



1 INVERTER/PDU

Cooling



Bus Bar



2 BATTERY MODULE

Cooling Plate



Monitoring Bus Bar



Module Fuse



3 BATTERY PACK/BDU/MSD

DC Battery Fuses



Hybrid Pyrotechnic OCPD



Power Capacitors



4 CHARGING STATION

Surge Protective Devices (SPDs)



AC and DC Fuses



Cooling

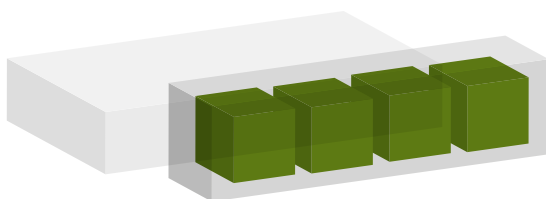
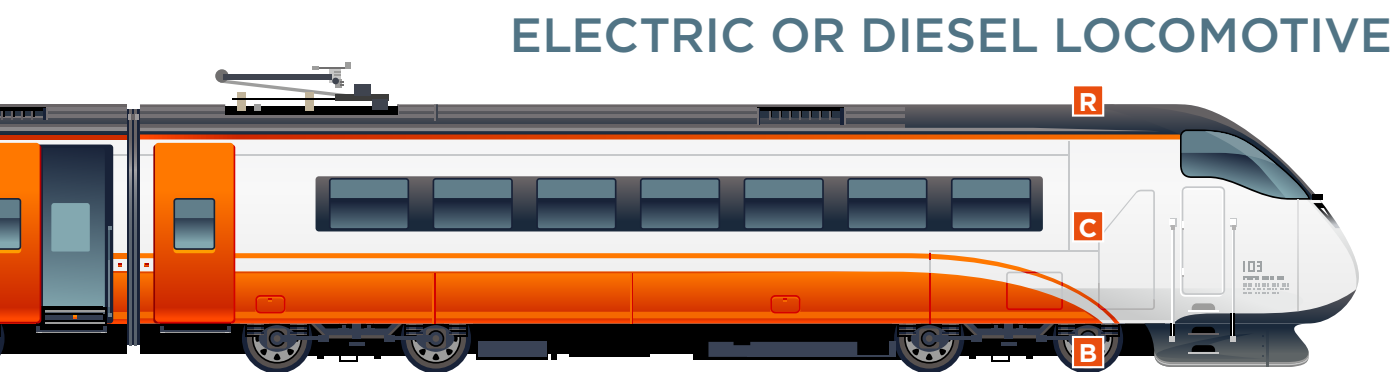
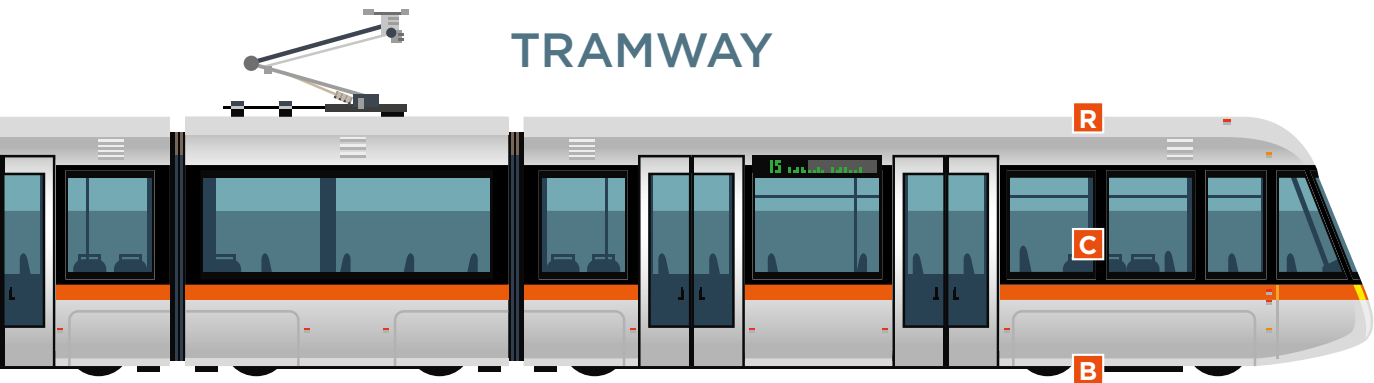


Bus Bar



OPTIMIZING THE PERFORMANCE OF ALL TYPES OF ROLLING STOCK

Mersen brings expertise to you with products designed to meet your standards. Our global experts in traction applications provide experienced and attentive customer service to collect, to connect, to select, to reject



SUBSTATION RECTIFIER



TRAMWAY (R: Roof - B: Bogie - C: Car interior)

R/B - Fuse Boxes / Energy measurement



R - Enclosures



B - Carbon brushes and brush-holders for generators / alternators



B - Earth Return Current units
Carbon brushes



C - Disconnect Inverters

R - Carbon brushes and brush-holders for auxiliary motors



B - Lubricating sticks and applicators

B/C/R - High Speed Fuses



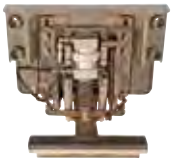
B - Carbon brushes and brush-holders for traction motors

R - Pantograph contact strips

B - Current Collector Devices (CCD)

METRO (R: Roof - B: Bogie - C: Car interior)

B/C/R - High Speed Fuses



B - Connection Boxes



B - Carbon brushes and brush-holders for traction motors



B - Earth Return Current units - Carbon brushes

B - Current Collector Devices (CCD)



C - Disconnect Inverters



R - Carbon brushes and brush-holders for auxiliary motors



B - Carbon brushes and brush-holders for generators / alternators



R/B - Fuse Boxes / Energy measurement



B - CCD shoes: traditional and EcoDesign



B - Lubricating sticks and applicators

ELECTRIC OR DIESEL LOCOMOTIVE (R: Roof - B: Bogie - C: Car interior)

R - Surge arrester



B/C/R - High Speed Fuses



B - Carbon brushes and brush-holders for generators / alternators

R - Pantograph contact strips



B - Earth Return Current units - Carbon brushes



C - Disconnect Inverters



R - Carbon brushes and brush-holders for auxiliary motors



B - Lubricating sticks and applicators



B - Carbon brushes and brush-holders for traction motors



B - Slip ring assemblies

EXTENDED SOLUTIONS FOR POWER MANAGEMENT : MERSEN OFFERS PERIPHERAL PRODUCTS USED TO OPTIMIZE OPERATION AND INCREASE SAFETY AND RELIABILITY OF POWER CONVERSION SYSTEMS.

In today's world, many industrial electrical applications require conversion of one form of power to another such as AC to DC, DC to AC or DC to DC. These power conversions utilize power electronics to perform the conversion in drives, inverters or converter products.

Mersen solutions for power management offer a broad range of cooling products to cool the power electronics, bus bars to manage the interconnectivity of power electronics and specially designed fuses to protect the power electronics from destructive current faults.

WHAT IS LAMINATED BUS BAR?

Laminated bus bar is an engineered component consisting of layers of fabricated copper separated by thin dielectric materials, laminated into a unified structure. Sizes and applications range from surface mounted bus bars the size of a fingertip to multilayer bus bars that exceed 20 feet in length. Laminated bus bar solutions are routinely used for low volumes up through tens of thousands per week.



WE CAN HELP YOU WITH ANY DESIGNS OR SPECIFICATIONS

We at Mersen provide FREE consultation for our customers to be able to directly discuss their design requirements with our expert application and product specialists. We take pride in striving to provide fast response time, usually within one business day to customers enquiries. We provide one on one design and engineering support to arrive at the best fit solution every time. Visit www.mersen.com for contact information.

LEVERAGING OVER 65 YEARS OF EXPERIENCE

With the addition of Eldre in USA and France to the Mersen family in 2012, Mersen added laminated busbars to its extensive portfolio of products. Along with other solutions for power management such as cooling and fuses, Mersen has created a powerful bundled product offering for the protection and management of power electronics.

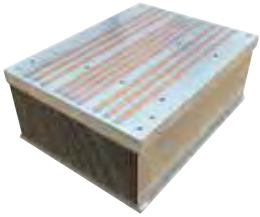
WHY CHOOSE LAMINATED BUS BAR?

Bus bars reduce system costs, improve reliability, increase capacitance, and eliminate wiring errors. They also lower inductance and lower impedance. Plus, the physical structure of bus bars offers unique features in mechanical design. For example, complete power distribution subsystems can also act as structural members of a total system. Multilayer bus bars offer a structural integrity that wiring methods just can't match.

EXTENDED SOLUTIONS FOR POWER MANAGEMENT

HIGH-PERFORMANCE COOLING SOLUTIONS FOR POWER ELECTRONICS

Mersen integrates its extensive cooling expertise and patented heat sink technology into power electronics applications to make them more efficient, reliable, and profitable. Our unique knowledge of air, phase change, and liquid cooled heat sinks enables Mersen to help customers find the right customized thermal protection solution for their unique applications.



AIR COOLING SOLUTIONS

Mersen's air cooled Fabfin® heat sink stands out from ordinary extruded heat sinks because of its higher fins, giving it excellent performances. Using a swaging process means a variety of its higher fins and increased height-to-space ratio types of fins can be used.

LIQUID COOLING SOLUTIONS

Power electronics components (SiC, IGBTs, thyristors) need a cooling solution that is both effective and reliable, especially when installed in a confined space. To ensure maximum reliability, Mersen has mastered vacuum brazing technology for liquid cooled solutions to achieve guaranteed water tightness with no seams, robustness, corrosion free, and excellent thermal performance.



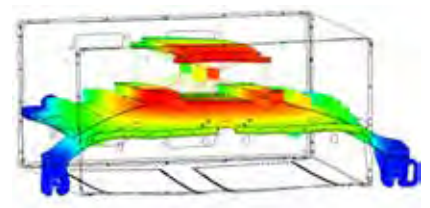
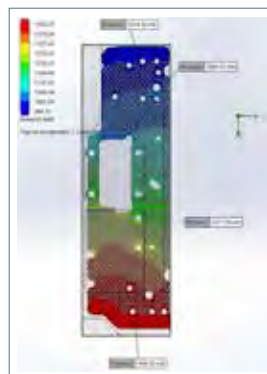
Heat Pipe Assembly

HEAT PIPES FOR INSTANTANEOUS COOLING ACTION

The high heat losses from press-pack or IGBT power devices can easily be conveyed outward via heat pipe cooling units. A heat pipe is a device that uses "phase change" to efficiently conduct large amounts of heat between two solid surfaces.

FROM DESIGN, TO PROTOTYPE, TO PRODUCTION

Mersen is ready to assist customers throughout the development of the solution they need: from the earliest stages of identifying needs right through production and logistics at the end of the process. Participation in thermal research groups and design work on several demanding thermal applications all over the globe, means we can offer the widest variety of adapted competitive designs. Mersen is capable of completing thermal testing for all air cooled products and heat pipe assemblies in-house using their new thermal lab.



Design / Thermal hydraulic simulation / Mechanical simulation

At Mersen, our goal is to meet the needs of all of our partners - not simply our customers, but our suppliers, our shareholders and local authorities as well. To that end, we've developed an extensive quality, safety and environmental policies:

- Quality policies that spur continual improvements in products, services and productivity.
- Safety policies to protect our associates from accidents and illnesses.
- Environmental policies governing every step in the product lifecycle, from design to destruction.
- Mersen products, solutions and processes meet the highest quality requirements, extending the demands of national and international standards, certified by many company held patents for products and their assembling procedures together with independent test certification.

- CE Mark

The CE Mark, required for products intended for sale anywhere in the European Union, shows that a product has been tested by a Notified Body and meets the requirements of all relevant European directives.



- Kitemark

The British Standards Institution Mark — known as the Kitemark — is proof of compliance with standards endorsed by BSI, the world's first national standards organization.



Intertek - S Mark

Granted by independent laboratory ETL SEMKO, the S Mark designates products that comply with safety requirements applicable to the European Union.



- UL Listed Mark

The mark most familiar in the U.S., the UL Listed Mark is issued by Underwriters Laboratories. It signifies that a product has been tested by a Nationally Recognized Testing Laboratory (NRTL) and met the requirements of widely accepted product safety standards.



- UL Recognized Mark

Products bearing this mark are generally components of a product that will later be tested as a whole to obtain a UL Listed Mark. Using UL Recognized components does not ensure an automatic UL listing, however. The complete final product must be tested as a unit.



- CSA Mark

Issued by the Canadian Standards Association, the CSA Mark signifies a product that is tested to Canadian product safety standards. Products certified for sale in Canada may also bear the relatively new C-UL Mark issued by Underwriters Laboratories.



- CCC Mark

The China Compulsory Certificate mark, commonly known as a CCC Mark, is a compulsory safety mark for many products imported, sold or used in the Chinese market.



- EAC Mark

The Eurasian Conformity mark (EAC, Russian: Евразийское соответствие) is a certification mark to indicate products that conform to all technical regulations of the Eurasian Customs Union.



- ISI (Indian Standard Institution) mark

developed by the Bureau of Indian Standards (BIS), is the most recognized mark for industrial products in India. The mark certifies that a product meets the Indian Standard (IS), mentioned as CM/L-***** on top of the mark.

Mersen products are compliant REACH and RoHS REACH

Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) is a European Union regulation addressing the production and use of chemical substances, and their potential impacts on both human health and the environment.



- RoHS - RoHS

Restriction of Hazardous Substances Directive RoHS, short for EU directive (2011/65/EU) Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment



Mersen commitment to quality and environment is demonstrated by compliance of Mersen management systems to ISO 9001, EN 9100, IRIS and ISO 14001.

ISO 9001 Quality Management certificates:

ISO 9001 registration has become an international symbol for quality management practices. Implemented by more than 600,000 organizations in 160 countries, it's proof that an organization meets the stringent requirements of the Quality Management System standard.

Mersen's ISO 9001 registration signifies our commitment to providing quality not only in our products, but in every facet of our operations.



All our manufacturing facilities all over the world are ISO 9001 certified:

Europe

- Saint Bonnet/El Fahs/La Mure/Saint Loup de Naud facilities (France/Tunisia)
- Gorcy facility (France)
- Saint Sylvain d'Anjou facility (France)
- Kapsovar facility (Hungary)
- Sezemice facility (Czech Republic)

North America

- Juarez facility (Mexico)
- Newburyport facility (USA)
- Toronto facility (Canada)
- Mississauga facility (Canada)
- Rochester facility (USA)

Asia

- Bangalore facility (India)
- Songjiang (Shanghai) facility (China)
- Wenzhou (Zhejiang) facility (China)

Aerospace - EN 9100 Certificate:

- La Mure facility (France)
- Saint Sylvain d'Anjou facility (France)

Railway - IRIS Certificate:

- PTRV Products Saint Bonnet de Mure facility (France)
- Saint Sylvain d'Anjou facility (France)

ISO 14001 Environmental standards

ISO 14001 is an internationally recognized management system standard that provides a highly effective framework for establishing and managing environmental activities and programs.

- Saint Bonnet de Mure facility
- Nolam Tunisia M'Ghrira facility
- Juarez facility

Mersen offers global test capabilities

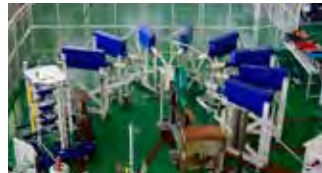
Mersen develops, manufactures and sells products and services for all of the many markets in electrical engineering. Those products and services are often highly technical and must comply with many functional requirements, as well as being qualified and certified, to guarantee excellence in operation.

Europe



Saint-Bonnet-de-Mure, France

The center is accredited by the COFRAC Laboratories with a strong experience in overcurrent tests with high voltage and high current capabilities.



Terrassa, Spain

Our center is an independent Lab and is specialized in high voltage and high current transient impulses. It offers certification, validation, quality control services for SPDs, POP and ESE. It is an accredited lab by ENAC, approved for client testing by UL (CTDP) and authorized lab by Dekra.

North America



Newburyport, MA, U.S.A.

The lab specialized in high and low power current impulses.

It also offers high power testing for UL appliances surge testing for UL SPDs (UL approved for thirdparty testing)

TPTDP with UL for standards of fuses and SPDs.

UL in short-circuit tests for SPDs.

Asia



Guangzhou, China

Our lab is specialized in SPDs, mainly for internal use. It is equipped with a current generator for IEC SPDS.

Focus on Saint-Bonnet-de-Mure: 5 test labs expertises...

The facility houses five labs: high power, electrical performance, PV solar, mechanical, and environmental and process tests.

The lab offers customized tests to match specific conditions: PV test lab for solar applications, high di/dt test bench for capacitor discharge simulation, mechanical and environmental test benches for electric vehicle and railway applications. The lab works regularly with VDE, UL... for product certification and is recognize for IEC product qualification.

It is assessed by LCIE Customer's Testing Facilities stage 3 for certification Schemes IECEE CB (OD-2048), European ECS (ECS 032) and NF Mark (n°LCIE-CTF-033).



High Power Lab



Pv Solar Test Lab



Electrical performance Test Lab



Mechanical Test Lab



Environmental and Process Test Lab

Electrical, dielectric, mechanical and environmental tests



Products from the many markets in electrical engineering are highly technical and must comply with many functional requirements, as well as being qualified and certified, to guarantee excellence in operation.

Since 1981 and the test lab created by Lucien Ferraz, Mersen has developed expertise in electrical, dielectric, mechanical and environmental tests. Our role is to provide testing services and expert analysis, both for the many divisions of the Mersen group and for customers.

Our labs are complementary regarding:

- AC versus DC capabilities.
- UL-CSA testing versus IEC testing.

Mersen regularly invests in maintaining and improving the testing facilities to keep them up-to-date with latest technologies and demands.

... via four power applications



Power Controls

- LV & HV motor controls
- Control panels
- HVAC
- Material handling



Power Distribution

- Switchgear
- Switchboards
- Panel boards
- Load centers
- PF correction
- Surge protection
- Rail current collection
- Rail grounding



Power Electronics

- Drives
- Soft Starters
- UPS
- Rectifiers
- Inverters
- Frequency converters
- Induction heating
- Rail propulsion
- Welding



Power Transfer for Rail Vehicles

- Substations
- Transformers
- Transmission lines
- PF correction

A high-angle, nighttime photograph of a cityscape. The city is densely packed with buildings, many of which are illuminated with warm yellow and orange lights. A prominent feature is a long, illuminated bridge or viaduct that stretches across a wide body of water in the middle ground. The sky is a deep, dark blue, with some light clouds visible. The overall scene conveys a sense of a bustling, modern urban environment at night.

IEC/FR - LOW VOLTAGE FUSE-SYSTEM



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Ferrule fuse-links 8x31 gG 400VAC

PRODUCT RANGE

Size 8,5x31,5 400VAC gG without indicator



FR8GG40V4

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR8GG40V0.5 | P218191 | 400 V | 0.5 A | 20 kA | 0.55 W | 4.4 g |
| FR8GG40V1 | C218709 | 400 V | 1 A | 20 kA | 0.35 W | 4.4 g |
| FR8GG40V2 | Q219227 | 400 V | 2 A | 20 kA | 0.45 W | 4.4 g |
| FR8GG40V4 | W222958 | 400 V | 4 A | 20 kA | 0.65 W | 4.4 g |
| FR8GG40V6 | A211025 | 400 V | 6 A | 20 kA | 0.83 W | 4.4 g |
| FR8GG40V8 | B213096 | 400 V | 8 A | 20 kA | 1 W | 4.4 g |
| FR8GG40V10 | A214613 | 400 V | 10 A | 20 kA | 1.2 W | 4.4 g |
| FR8GG40V12 | R216146 | 400 V | 12 A | 20 kA | 1.3 W | 4.4 g |
| FR8GG40V16 | P216650 | 400 V | 16 A | 20 kA | 1.7 W | 4.4 g |
| FR8GG40V20 | F217677 | 400 V | 20 A | 20 kA | 2 W | 4.4 g |
| FR8GG40V25 | D218710 | 400 V | 25 A | 20 kA | 2.4 W | 4.4 g |



FR8GG40V25

Size 8,5x31,5 gG 400VAC with indicator



FR8GG40V25I

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR8GG40V2I | B222204 | 400 V | 2 A | 20 kA | 0.45 W | 4.4 g |
| FR8GG40V4I | X222959 | 400 V | 4 A | 20 kA | 0.65 W | 4.4 g |
| FR8GG40V6I | V201291 | 400 V | 6 A | 20 kA | 0.83 W | 4.4 g |
| FR8GG40V8I | B211026 | 400 V | 8 A | 20 kA | 1 W | 4.4 g |
| FR8GG40V10I | A212060 | 400 V | 10 A | 20 kA | 1.2 W | 4.4 g |
| FR8GG40V12I | C213097 | 400 V | 12 A | 20 kA | 1.3 W | 4.4 g |
| FR8GG40V16I | Y214105 | 400 V | 16 A | 20 kA | 1.7 W | 4.4 g |
| FR8GG40V20I | J215127 | 400 V | 20 A | 20 kA | 2 W | 4.4 g |
| FR8GG40V25I | S216147 | 400 V | 25 A | 20 kA | 2.4 W | 4.4 g |

Ferrule fuse-links 8x31 aM 400VAC

PRODUCT RANGE

Size 8,5x31,5 aM 400VAC without indicator



FR8AM40V2

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR8AM40V1 | C217168 | 400 V | 1 A | 20 kA | 0.09 W | 4.4 g |
| FR8AM40V2 | R218193 | 400 V | 2 A | 20 kA | 0.15 W | 4.4 g |
| FR8AM40V4 | S219229 | 400 V | 4 A | 20 kA | 0.26 W | 4.4 g |
| FR8AM40V6 | C222205 | 400 V | 6 A | 20 kA | 0.35 W | 4.4 g |
| FR8AM40V8 | F200749 | 400 V | 8 A | 20 kA | 0.47 W | 4.4 g |
| FR8AM40V10 | W201292 | 400 V | 10 A | 20 kA | 0.55 W | 4.4 g |
| FR8AM40V12 | V1007188 | 400 V | 12 A | 20 kA | 0.7 W | 4.4 g |

Ferrule fuse-links 10x38 gG 400 to 690VAC

PRODUCT RANGE

Size 10,3x38 gG 400/500VAC without indicator



FR10GG50V6

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10GG50V0.5 | C211027 | 500 V | 0.5 A | 120 kA | 0.07 W | 8.3 g |
| FR10GG50V1 | B212061 | 500 V | 1 A | 120 kA | 0.45 W | 8.3 g |
| FR10GG50V2 | D213098 | 500 V | 2 A | 120 kA | 0.5 W | 8.3 g |
| FR10GG50V4 | X213598 | 500 V | 4 A | 120 kA | 0.85 W | 8.3 g |
| FR10GG50V6 | K215128 | 500 V | 6 A | 120 kA | 0.95 W | 8.3 g |
| FR10GG50V8 | D217169 | 500 V | 8 A | 120 kA | 1.15 W | 8.3 g |
| FR10GG50V10 | S218194 | 500 V | 10 A | 120 kA | 1.3 W | 8.3 g |
| FR10GG50V12 | W219761 | 500 V | 12 A | 120 kA | 1.4 W | 8.3 g |
| FR10GG50V16 | G200750 | 500 V | 16 A | 120 kA | 1.9 W | 8.3 g |
| FR10GG50V20 | D211028 | 500 V | 20 A | 120 kA | 2.4 W | 8.3 g |
| FR10GG50V25 | E213099 | 500 V | 25 A | 120 kA | 2.7 W | 8.3 g |
| FR10GG40V32 | A214107 | 400 V | 32 A | 120 kA | 2.8 W | 8.3 g |



FR10GG40V32

Size 10,3x38 gG 400/500VAC with indicator



FR10GG40V32I

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10GG50V2I | S216653 | 500 V | 2 A | 120 kA | 0.5 W | 8.3 g |
| FR10GG50V4I | E217170 | 500 V | 4 A | 120 kA | 0.85 W | 8.3 g |
| FR10GG50V6I | T218195 | 500 V | 6 A | 120 kA | 0.95 W | 8.3 g |
| FR10GG50V8I | V219231 | 500 V | 8 A | 120 kA | 1.15 W | 8.3 g |
| FR10GG50V10I | E222207 | 500 V | 10 A | 120 kA | 1.3 W | 8.3 g |
| FR10GG50V12I | H200751 | 500 V | 12 A | 120 kA | 1.4 W | 8.3 g |
| FR10GG50V16I | H201809 | 500 V | 16 A | 120 kA | 1.9 W | 8.3 g |
| FR10GG50V20I | X211551 | 500 V | 20 A | 120 kA | 2.4 W | 8.3 g |
| FR10GG50V25I | W212585 | 500 V | 25 A | 120 kA | 2.7 W | 8.3 g |
| FR10GG40V32I | Z213600 | 400 V | 32 A | 120 kA | 2.8 W | 8.3 g |

Size 10,3x38 gG 250/400VAC with striker



FR10GG25V32P

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10GG40V2P | G083703 | 400 V | 2 A | 100 kA | 0.6 W | 9.2 g |
| FR10GG40V4P | D084758 | 400 V | 4 A | 100 kA | 0.75 W | 9.2 g |
| FR10GG40V6P | Y084799 | 400 V | 6 A | 100 kA | 0.9 W | 9.2 g |
| FR10GG40V8P | F083955 | 400 V | 8 A | 100 kA | 1 W | 9.2 g |
| FR10GG40V10P | A084801 | 400 V | 10 A | 100 kA | 1.1 W | 9.2 g |
| FR10GG40V12P | G083956 | 400 V | 12 A | 100 kA | 1.25 W | 9.2 g |
| FR10GG40V16P | X084798 | 380 V | 16 A | 100 kA | 1.35 W | 9.2 g |
| FR10GG40V20P | Z084800 | 380 V | 20 A | 100 kA | 1.45 W | 9.2 g |
| FR10GG25V25P | H083957 | 250 V | 25 A | 100 kA | 1.7 W | 9.2 g |
| FR10GG25V32P | E083954 | 250 V | 32 A | 100 kA | 2.2 W | 9.2 g |

Size 10,3x38 gG 690VAC without indicator



FR10GG69V6

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10GG69V1 | R302787 | 690 V | 1 A | 120 kA | 0.45 W | 9 g |
| FR10GG69V2 | S302788 | 690 V | 2 A | 120 kA | 0.55 W | 9 g |
| FR10GG69V4 | T302789 | 690 V | 4 A | 120 kA | 0.6 W | 9 g |
| FR10GG69V6 | V302790 | 690 V | 6 A | 120 kA | 0.9 W | 9 g |
| FR10GG69V8 | W302791 | 690 V | 8 A | 120 kA | 1 W | 9 g |
| FR10GG69V10 | X302792 | 690 V | 10 A | 120 kA | 1.15 W | 9 g |
| FR10GG69V12 | Y302793 | 690 V | 12 A | 120 kA | 1.4 W | 9 g |
| FR10GG69V16 | Z302794 | 690 V | 16 A | 120 kA | 1.9 W | 9 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

Ferrule fuse-links 10x38 aM 400 to 690VAC

PRODUCT RANGE

Size 10,3x38 aM 400/500VAC without indicator



FR10AM40V32

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10AM50V0.16 | E214617 | 500 V | 0.16 A | 120 kA | 0.07 W | 8.3 g |
| FR10AM50V0.25 | M215130 | 500 V | 0.25 A | 120 kA | 0.08 W | 8.3 g |
| FR10AM50V0.5 | W216150 | 500 V | 0.5 A | 120 kA | 0.07 W | 8.3 g |
| FR10AM50V1 | F217171 | 500 V | 1 A | 120 kA | 0.1 W | 8.3 g |
| FR10AM50V2 | H218714 | 500 V | 2 A | 120 kA | 0.14 W | 8.3 g |
| FR10AM50V4 | W219232 | 500 V | 4 A | 120 kA | 0.28 W | 8.3 g |
| FR10AM50V6 | F222208 | 500 V | 6 A | 120 kA | 0.38 W | 8.3 g |
| FR10AM50V8 | Z201295 | 500 V | 8 A | 120 kA | 0.55 W | 8.3 g |
| FR10AM50V10 | Y211552 | 500 V | 10 A | 120 kA | 0.62 W | 8.3 g |
| FR10AM50V12 | A213601 | 500 V | 12 A | 120 kA | 0.82 W | 8.3 g |
| FR10AM50V16 | F214618 | 500 V | 16 A | 120 kA | 0.87 W | 8.3 g |
| FR10AM50V20 | X216151 | 500 V | 20 A | 120 kA | 1.05 W | 8.3 g |
| FR10AM40V25 | G217172 | 400 V | 25 A | 120 kA | 1.2 W | 8.3 g |
| FR10AM40V32 | J218715 | 400 V | 32 A | 120 kA | 1.8 W | 8.3 g |

Size 10,3x38 aM 400/500VAC with indicator



FR10AM40V25I

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10AM50V1I | X219233 | 500 V | 1 A | 120 kA | 0.1 W | 8.3 g |
| FR10AM50V2I | G222209 | 500 V | 2 A | 120 kA | 0.14 W | 8.3 g |
| FR10AM50V4I | K200753 | 500 V | 4 A | 120 kA | 0.28 W | 8.3 g |
| FR10AM50V6I | K201811 | 500 V | 6 A | 120 kA | 0.38 W | 8.3 g |
| FR10AM50V8I | Z211553 | 500 V | 8 A | 120 kA | 0.55 W | 8.3 g |
| FR10AM50V10I | H213102 | 500 V | 10 A | 120 kA | 0.62 W | 8.3 g |
| FR10AM50V12I | D214110 | 500 V | 12 A | 120 kA | 0.82 W | 8.3 g |
| FR10AM50V16I | P215132 | 500 V | 16 A | 120 kA | 0.87 W | 8.3 g |
| FR10AM50V20I | V216655 | 500 V | 20 A | 120 kA | 1.05 W | 8.3 g |
| FR10AM40V25I | L217682 | 400 V | 25 A | 120 kA | 1.2 W | 8.3 g |

Size 10,3x38 aM 400VAC with striker



FR10AM40V8P

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10AM40V2P | Z084984 | 400 V | 2 A | 100 kA | 0.18 W | 9.2 g |
| FR10AM40V4P | Y085259 | 400 V | 4 A | 100 kA | 0.2 W | 9.2 g |
| FR10AM40V6P | W085257 | 400 V | 6 A | 100 kA | 0.21 W | 9.2 g |
| FR10AM40V8P | A084985 | 400 V | 8 A | 100 kA | 0.29 W | 9.2 g |
| FR10AM40V10P | B084986 | 400 V | 10 A | 100 kA | 0.36 W | 9.2 g |
| FR10AM40V12P | X085258 | 400 V | 12 A | 100 kA | 0.43 W | 9.2 g |
| FR10AM40V16P | C084757 | 380 V | 16 A | 100 kA | 0.57 W | 9.2 g |
| FR10AM40V20P | V085256 | 380 V | 20 A | 100 kA | 0.72 W | 9.2 g |
| FR10AM25V25P | A076038 | 250 V | 25 A | 100 kA | 1.2 W | 9.2 g |
| FR10AM25V32P | B076039 | 250 V | 32 A | 100 kA | 1.6 W | 9.2 g |

Size 10,3x38 aM 690VAC without indicator



FR10AM69V8

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR10AM69V1 | H302779 | 690 V | 1 A | 120 kA | 0.1 W | 8.3 g |
| FR10AM69V2 | J302780 | 690 V | 2 A | 120 kA | 0.14 W | 8.3 g |
| FR10AM69V4 | K302781 | 690 V | 4 A | 120 kA | 0.28 W | 8.3 g |
| FR10AM69V6 | L302782 | 690 V | 6 A | 120 kA | 0.38 W | 8.3 g |
| FR10AM69V8 | M302783 | 690 V | 8 A | 120 kA | 0.55 W | 8.3 g |
| FR10AM69V10 | N302784 | 690 V | 10 A | 120 kA | 0.62 W | 8.3 g |
| FR10AM69V12 | P302785 | 690 V | 12 A | 120 kA | 0.78 W | 8.3 g |

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Ferrule fuse-links 14x51 gG 500 to 690VAC

PRODUCT RANGE



FR14GG50V50

Size 14,3x51 gG 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR14GG69V1 | K218716 | 690 V | 1 A | 120 kA | 0.6 W | 21 g |
| FR14GG69V2 | Y219234 | 690 V | 2 A | 120 kA | 0.75 W | 21 g |
| FR14GG69V4 | A219765 | 690 V | 4 A | 120 kA | 1.1 W | 21 g |
| FR14GG69V6 | H222210 | 690 V | 6 A | 120 kA | 1.25 W | 21 g |
| FR14GG69V8 | D222965 | 690 V | 8 A | 120 kA | 1.45 W | 21 g |
| FR14GG69V10 | L200754 | 690 V | 10 A | 120 kA | 1.65 W | 21 g |
| FR14GG69V12 | L201812 | 690 V | 12 A | 120 kA | 1.8 W | 21 g |
| FR14GG69V16 | A211554 | 690 V | 16 A | 120 kA | 2.35 W | 21 g |
| FR14GG69V20 | Z212588 | 690 V | 20 A | 120 kA | 2.75 W | 21 g |
| FR14GG69V25 | C213603 | 690 V | 25 A | 120 kA | 3.1 W | 21 g |
| FR14GG69V32 | L1010170 | 690 V | 32 A | 120 kA | 3.6 W | 21 g |
| FR14GG69V40 | P1010173 | 690 V | 40 A | 120 kA | 4 W | 21 g |
| FR14GG69V50 | Q1010174 | 690 V | 50 A | 120 kA | 4.8 W | 21 g |
| FR14GG50V32 | W216656 | 500 V | 32 A | 120 kA | 3.6 W | 21 g |
| FR14GG50V40 | X218198 | 500 V | 40 A | 120 kA | 4 W | 21 g |
| FR14GG50V50 | Z219235 | 500 V | 50 A | 120 kA | 4.8 W | 21 g |



FR14GG50V50P

Size 14,3x51 gG 500VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR14GG50V2P | J211033 | 500 V | 2 A | 120 kA | 0.75 W | 21 g |
| FR14GG50V4P | H212067 | 500 V | 4 A | 120 kA | 1.1 W | 21 g |
| FR14GG50V6P | G214113 | 500 V | 6 A | 120 kA | 1.25 W | 21 g |
| FR14GG50V8P | R215134 | 500 V | 8 A | 120 kA | 1.45 W | 21 g |
| FR14GG50V10P | Z216153 | 500 V | 10 A | 120 kA | 1.65 W | 21 g |
| FR14GG50V12P | L217176 | 500 V | 12 A | 120 kA | 1.8 W | 21 g |
| FR14GG50V16P | Z218200 | 500 V | 16 A | 120 kA | 2.35 W | 21 g |
| FR14GG50V20P | B219237 | 500 V | 20 A | 120 kA | 2.75 W | 21 g |
| FR14GG50V25P | L222213 | 500 V | 25 A | 120 kA | 3.1 W | 21 g |
| FR14GG50V32P | P200757 | 500 V | 32 A | 120 kA | 3.6 W | 21 g |
| FR14GG50V40P | P201815 | 500 V | 40 A | 120 kA | 4 W | 21 g |
| FR14GG50V50P | D211557 | 500 V | 50 A | 120 kA | 4.8 W | 21 g |

Ferrule fuse-links 14x51 aM 500 to 690VAC

PRODUCT RANGE



FR14AM50V50

Size 14,3x51 aM 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR14AM69V0.25 | B212590 | 690 V | 0.25 A | 120 kA | 0.1 W | 21 g |
| FR14AM69V0.5 | L213105 | 690 V | 0.5 A | 120 kA | 0.9 W | 21 g |
| FR14AM69V1 | E213605 | 690 V | 1 A | 120 kA | 0.13 W | 21 g |
| FR14AM69V2 | H214114 | 690 V | 2 A | 120 kA | 0.18 W | 21 g |
| FR14AM69V4 | K214622 | 690 V | 4 A | 120 kA | 0.28 W | 21 g |
| FR14AM69V6 | S215135 | 690 V | 6 A | 120 kA | 0.42 W | 21 g |
| FR14AM69V8 | T215642 | 690 V | 8 A | 120 kA | 0.55 W | 21 g |
| FR14AM69V10 | Z216659 | 690 V | 10 A | 120 kA | 0.65 W | 21 g |
| FR14AM69V12 | M217177 | 690 V | 12 A | 120 kA | 0.75 W | 21 g |
| FR14AM69V16 | Q217686 | 690 V | 16 A | 120 kA | 1.05 W | 21 g |
| FR14AM69V20 | P218720 | 690 V | 20 A | 120 kA | 1.3 W | 21 g |
| FR14AM69V25 | E219769 | 690 V | 25 A | 120 kA | 1.55 W | 21 g |
| FR14AM69V32 | G1011477 | 690 V | 32 A | 120 kA | 2.05 W | 21 g |
| FR14AM69V40 | J1011479 | 690 V | 40 A | 120 kA | 2.65 W | 21 g |
| FR14AM50V32 | M222214 | 500 V | 32 A | 120 kA | 2.05 W | 21 g |
| FR14AM50V40 | Q200758 | 500 V | 40 A | 120 kA | 2.65 W | 21 g |
| FR14AM50V45 | L211035 | 500 V | 45 A | 120 kA | 2.85 W | 21 g |
| FR14AM50V50 | E211558 | 500 V | 50 A | 120 kA | 2.95 W | 21 g |



FR14AM50V10P

Size 14,3x51 aM 500VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR14AM50V1P | W215644 | 500 V | 1 A | 120 kA | 0.13 W | 21 g |
| FR14AM50V2P | B216661 | 500 V | 2 A | 120 kA | 0.18 W | 21 g |
| FR14AM50V4P | C218203 | 500 V | 4 A | 120 kA | 0.28 W | 21 g |
| FR14AM50V6P | E219240 | 500 V | 6 A | 120 kA | 0.42 W | 21 g |
| FR14AM50V8P | N222215 | 500 V | 8 A | 120 kA | 0.55 W | 21 g |
| FR14AM50V10P | S200760 | 500 V | 10 A | 120 kA | 0.65 W | 21 g |
| FR14AM50V12P | R201817 | 500 V | 12 A | 120 kA | 0.75 W | 21 g |
| FR14AM50V16P | G211560 | 500 V | 16 A | 120 kA | 1.05 W | 21 g |
| FR14AM50V20P | E212593 | 500 V | 20 A | 120 kA | 1.3 W | 21 g |
| FR14AM50V25P | H213608 | 500 V | 25 A | 120 kA | 1.55 W | 21 g |
| FR14AM50V32P | N214625 | 500 V | 32 A | 120 kA | 2.05 W | 21 g |
| FR14AM50V40P | X215645 | 500 V | 40 A | 120 kA | 2.65 W | 21 g |
| FR14AM50V45P | C216662 | 500 V | 45 A | 120 kA | 2.85 W | 21 g |
| FR14AM50V50P | D218204 | 500 V | 50 A | 120 kA | 2.95 W | 21 g |

Ferrule fuse-links 22x58 gG 500 to 690VAC

PRODUCT RANGE



FR22GG69V2

Size 22x58 gG 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR22GG69V2 | F219241 | 690 V | 2 A | 120 kA | 0.9 W | 54 g |
| FR22GG69V4 | H219772 | 690 V | 4 A | 120 kA | 1.25 W | 54 g |
| FR22GG69V6 | P222216 | 690 V | 6 A | 120 kA | 1.4 W | 54 g |
| FR22GG69V8 | L222972 | 690 V | 8 A | 120 kA | 1.6 W | 54 g |
| FR22GG69V10 | T200761 | 690 V | 10 A | 120 kA | 1.9 W | 54 g |
| FR22GG69V12 | J201304 | 690 V | 12 A | 120 kA | 2 W | 54 g |
| FR22GG69V16 | S201818 | 690 V | 16 A | 120 kA | 2.5 W | 54 g |
| FR22GG69V20 | P211038 | 690 V | 20 A | 120 kA | 3.4 W | 54 g |
| FR22GG69V25 | N212072 | 690 V | 25 A | 120 kA | 3.5 W | 54 g |
| FR22GG69V32 | F212594 | 690 V | 32 A | 120 kA | 3.7 W | 54 g |
| FR22GG69V40 | J213609 | 690 V | 40 A | 120 kA | 4.3 W | 54 g |
| FR22GG69V50 | P214626 | 690 V | 50 A | 120 kA | 5.3 W | 54 g |
| FR22GG69V63 | Y215646 | 690 V | 63 A | 120 kA | 6.3 W | 54 g |
| FR22GG69V80 | Q217180 | 690 V | 80 A | 120 kA | 7.4 W | 54 g |
| FR22GG50V100 | E218205 | 500 V | 100 A | 120 kA | 8.3 W | 54 g |
| FR22GG50V125 | J219773 | 500 V | 125 A | 120 kA | 11.3 W | 54 g |



FR22GG50V125P

Size 22x58 gG 500/690VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR22GG69V2P | N093760 | 690 V | 2 A | 120 kA | 0.9 W | 54 g |
| FR22GG69V4P | R214628 | 690 V | 4 A | 120 kA | 1.25 W | 54 g |
| FR22GG69V6P | A215648 | 690 V | 6 A | 120 kA | 1.4 W | 54 g |
| FR22GG69V8P | F216665 | 690 V | 8 A | 120 kA | 1.6 W | 54 g |
| FR22GG69V10P | W217691 | 690 V | 10 A | 120 kA | 1.9 W | 54 g |
| FR22GG69V12P | W218726 | 690 V | 12 A | 120 kA | 2 W | 54 g |
| FR22GG69V16P | L219775 | 690 V | 16 A | 120 kA | 2.5 W | 54 g |
| FR22GG69V20P | P222975 | 690 V | 20 A | 120 kA | 3.4 W | 54 g |
| FR22GG69V25P | M201307 | 690 V | 25 A | 120 kA | 3.5 W | 54 g |
| FR22GG69V32P | S211041 | 690 V | 32 A | 120 kA | 3.7 W | 54 g |
| FR22GG69V40P | R212075 | 690 V | 40 A | 120 kA | 4.3 W | 54 g |
| FR22GG69V50P | M213612 | 690 V | 50 A | 120 kA | 5.3 W | 54 g |
| FR22GG69V63P | T1022160 | 690 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22GG69V80P | Z1022165 | 690 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22GG50V63P | S214629 | 500 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22GG50V80P | F216159 | 500 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22GG50V100P | T217183 | 500 V | 100 A | 120 kA | 8.3 W | 54 g |
| FR22GG50V125P | H218208 | 500 V | 125 A | 120 kA | 11.3 W | 54 g |

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Ferrule fuse-links 22x58 aM 500 to 690VAC

PRODUCT RANGE



FR22AM50V125

Size 22x58 aM 500/690VAC without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR22AM69V1 | M219776 | 690 V | 1 A | 120 kA | 0.2 W | 54 g |
| FR22AM69V2 | T222220 | 690 V | 2 A | 120 kA | 0.25 W | 54 g |
| FR22AM69V4 | Q222976 | 690 V | 4 A | 120 kA | 0.35 W | 54 g |
| FR22AM69V6 | Y200765 | 690 V | 6 A | 120 kA | 0.45 W | 54 g |
| FR22AM69V8 | N201308 | 690 V | 8 A | 120 kA | 0.6 W | 54 g |
| FR22AM69V10 | X201822 | 690 V | 10 A | 120 kA | 0.75 W | 54 g |
| FR22AM69V12 | T211042 | 690 V | 12 A | 120 kA | 0.85 W | 54 g |
| FR22AM69V16 | M211565 | 690 V | 16 A | 120 kA | 1.15 W | 54 g |
| FR22AM69V20 | S212076 | 690 V | 20 A | 120 kA | 1.35 W | 54 g |
| FR22AM69V25 | J212597 | 690 V | 25 A | 120 kA | 1.7 W | 54 g |
| FR22AM69V32 | V213113 | 690 V | 32 A | 120 kA | 2.2 W | 54 g |
| FR22AM69V40 | N213613 | 690 V | 40 A | 120 kA | 2.7 W | 54 g |
| FR22AM69V50 | R214122 | 690 V | 50 A | 120 kA | 3.6 W | 54 g |
| FR22AM69V63 | C215650 | 690 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22AM69V80 | H216667 | 690 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22AM50V100 | Y217693 | 500 V | 100 A | 120 kA | 6.65 W | 54 g |
| FR22AM50V125 | J218209 | 500 V | 125 A | 120 kA | 9.9 W | 54 g |



FR22AM69V1P

Size 22x58 aM 500/690VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|--------|
| FR22AM69V1P | E215652 | 690 V | 1 A | 120 kA | 0.2 W | 54 g |
| FR22AM69V2P | J216162 | 690 V | 2 A | 120 kA | 0.25 W | 54 g |
| FR22AM69V4P | A217695 | 690 V | 4 A | 120 kA | 0.35 W | 54 g |
| FR22AM69V6P | Y218728 | 690 V | 6 A | 120 kA | 0.45 W | 54 g |
| FR22AM69V8P | Q219779 | 690 V | 8 A | 120 kA | 0.6 W | 54 g |
| FR22AM69V10P | S222978 | 690 V | 10 A | 120 kA | 0.75 W | 54 g |
| FR22AM69V12P | R201311 | 690 V | 12 A | 120 kA | 0.85 W | 54 g |
| FR22AM69V16P | W211044 | 690 V | 16 A | 120 kA | 1.15 W | 54 g |
| FR22AM69V20P | W212079 | 690 V | 20 A | 120 kA | 1.35 W | 54 g |
| FR22AM69V25P | Q213615 | 690 V | 25 A | 120 kA | 1.7 W | 54 g |
| FR22AM69V32P | X214633 | 690 V | 32 A | 120 kA | 2.2 W | 54 g |
| FR22AM69V40P | F215653 | 690 V | 40 A | 120 kA | 2.7 W | 54 g |
| FR22AM69V50P | K216669 | 690 V | 50 A | 120 kA | 3.6 W | 54 g |
| FR22AM69V63P | A1022166 | 690 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22AM69V80P | C1022168 | 690 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22AM50V63P | B217696 | 500 V | 63 A | 120 kA | 4.8 W | 54 g |
| FR22AM50V80P | Z218729 | 500 V | 80 A | 120 kA | 6.2 W | 54 g |
| FR22AM50V100P | T222979 | 500 V | 100 A | 120 kA | 6.65 W | 54 g |
| FR22AM50V125P | S201312 | 500 V | 125 A | 120 kA | 9.9 W | 54 g |

Modulostar® CMC8

PRODUCT RANGE



CMC81

Modulostar® fuse-holders for 8.5x31.5 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--------------------------------------|---------|--------|
| CMC810N | W1062688 | N | CMC8 CMC10 neutral conductor | 12 | - |
| CMC81 | V1062687 | 1 | CMC8 single pole | 12 | - |
| CMC81N | P1062682 | 1 + N | CMC8 single pole + neutral conductor | 6 | - |
| CMC82 | Q1062683 | 2 | CMC8 double pole | 6 | - |
| CMC83 | M1062680 | 3 | CMC8 triple pole | 4 | - |
| CMC83N | H1062676 | 3 + N | CMC8 triple pole + neutral conductor | 3 | - |
| CMC84 | J1062677 | 4 | CMC8 quadruple pole | 3 | - |



CMC81I

Modulostar® fuse-holders for 8.5x31.5 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--------------------------------------|---------|--------|
| CMC81I | X1062689 | 1 | CMC8 single pole | 12 | - |
| CMC81NI | R1062684 | 1 + N | CMC8 single pole + neutral conductor | 6 | - |
| CMC82I | S1062685 | 2 | CMC8 double pole | 6 | - |
| CMC83I | N1062681 | 3 | CMC8 triple pole | 4 | - |
| CMC83NI | K1062678 | 3 + N | CMC8 triple pole + neutral conductor | 3 | - |
| CMC84I | L1062679 | 4 | CMC8 quadruple pole | 3 | - |

Modulostar® CMC10sp

PRODUCT RANGE



CMC101SP

Modulostar® sp fuse-holders for 10.3x38.1 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------------|---------|--------|
| CMC101N | G1062698 | 1 + N | CMC10 single pole + neutral conductor | 6 | - |
| CMC101SP | Y1062759 | 1 | CMC10 single pole special | 12 | - |
| CMC102SP | A1062761 | 2 | CMC10 double pole | 6 | - |
| CMC103SP | D1062764 | 3 | CMC10 triple pole | 4 | - |
| CMC103NSP | F1062766 | 3 + N | CMC10 triple pole + neutral conductor | 3 | - |
| CMC810N | W1062688 | N | CMC8 CMC10 neutral conductor | 12 | - |



CMC103ISP

Modulostar® sp fuse-holders for 10.3x38.1 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|-----------------|-------------|------------------------|---------------------------------------|---------|--------|
| CMC10 1P C/I SP | Z1062760 | 1 | CMC10 single pole | 12 | - |
| CMC101NI | J1062700 | 1 + N | CMC10 single pole + neutral conductor | 6 | - |
| CMC102ISP | C1062763 | 2 | CMC10 double pole | 6 | - |
| CMC103ISP | E1062765 | 3 | CMC10 triple pole | 4 | - |
| CMC103NISP | G1062767 | 3 + N | CMC10 triple pole + neutral conductor | 3 | - |

Modulostar® CMC8 and CMC10sp

ACCESSORIES



CMS810PAK

Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|---|--------|
| CMS810PAK | Z233725 | 12 | Links for connection of multipole units | 0.5 g |



LOCK

Locking devices

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|----------|---------|
| LOCK | M223525 | 1 | Padlock | 0.48 kg |



TBB1A



TBB1C



TBB23A



TBB23C

Power supply

| Catalog number | Item number | Application | Package | Features | Weight |
|----------------|-------------|----------------------|---------|--|--------|
| TBB1A | D210315 | Max. rms current 90A | 50 | 1 phase axial incoming power supply | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 50 | 1 phase lateral incoming power supply | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 50 | 2 & 3 phases axial incoming power supply | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 50 | 2 & 3 phases lateral incoming power supply | 23.1 g |

Wiring bars / Insulated bus bars



CMS810BB1F13



CMS810BB2F6

| Catalog number | Item number | Application | Package | Features | Weight |
|----------------|-------------|--|---------|--|---------|
| CMS810BB1F13 | T210306 | Max. rms current 63A, for installation of 13 modules | 10 | single pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 33.5 g |
| CMS810BB2F6 | V210307 | Max. rms current 63A, for installation of 6 modules | 10 | double pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 80 g |
| CMS810BB3F4 | W210308 | Max. rms current 100A, for installation of 4 modules | 10 | triple pole, 10 mm ² partition 17,5 mm (distance of poles), peg design, L-shaped | 84 g |
| CMS810BB4F3 | X210309 | Max. rms current 100A, for installation of 3 modules | 10 | quadruple pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 0.12 kg |

Modulostar® CUS10

Modular fuse-holders

PRODUCT RANGE



CUS10

Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package |
|----------------|-------------|------------------------|---------------------------------------|---------|
| CUS101 | G1062721 | 1 | CUS10 single pole | 12 |
| CUS101N | C1062717 | 1+N | CUS10 single pole + neutral conductor | 6 |
| CUS102 | D1062718 | 2 | CUS10 double pole | 6 |
| CUS103 | A1062715 | 3 | CUS10 triple pole | 4 |
| CUS103N | W1062711 | 3+N | CUS10 triple pole + neutral conductor | 3 |
| CUS104 | X1062712 | 4 | CUS10 quadruple pole | 3 |
| CUS10N | H1062722 | N | CUS10 neutral conductor | 12 |



CUS1011

Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/phases | Design | Voltage limit for blown fuse indicator | Package |
|----------------|-------------|------------------------|---------------------------------------|---|---------|
| CUS1011 | J1062723 | 1 | CUS10 single pole | - | 12 |
| CUS1011N | E1062719 | 1+N | CUS10 single pole + neutral conductor | - | 6 |
| CUS1021 | F1062720 | 2 | CUS10 double pole | - | 6 |
| CUS1031 | B1062716 | 3 | CUS10 triple pole | - | 4 |
| CUS1031N | Y1062713 | 3+N | CUS10 triple pole + neutral conductor | - | 3 |
| CUS1041 | Z1062714 | 4 | CUS10 quadruple pole | - | 3 |
| - | on demand | - | Version with special indicator | Standard: 220V-700V AC/DC Very low: 20V-50V AC/DC Low: 50V-250V AC/DC 1000V: 220 - 1000V AC/DC | - |

ACCESSORIES



CMS810PAK

Kit for multi phase connection

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---|---------|--------|
| CMS810PAK | Z233725 | Links for connection of multipole units | 12 | 0.5 g |



LOCK

Locking devices

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|----------|---------|---------|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |



CMS810BB1F13



CMS810BB2F6

Wiring bars / Insulated bus bars

| Catalog number | Item number | Application | Features | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| CMS810BB1F13 | T210306 | Max. rms current 63A, for installation of 13 modules | single pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 33.5 g |
| CMS810BB2F6 | V210307 | Max. rms current 63A, for installation of 6 modules | double pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 80 g |
| CMS810BB3F4 | W210308 | Max. rms current 100A, for installation of 4 modules | triple pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 84 g |
| CMS810BB4F3 | X210309 | Max. rms current 100A, for installation of 3 modules | quadruple pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 0.12 kg |

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Modulostar® CMS14

Modular fuse-holders

PRODUCT RANGE



CMS142



CMS143N



CMS141I



CMS143NM

Modulostar® fuse-holders for 14x51 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Standard compliance | Package | Weight |
|----------------|-------------|------------------------|--|---------|---------|
| CMS14N | T331056 | N | CMS 14 neutral conductor | 6 | 0.14 kg |
| CMS141 | A331016 | 1 | CMS 14 single pole | 6 | 0.14 kg |
| CMS141N | T331010 | 1 + N | CMS 14 single pole + neutral conductor | 3 | 0.29 kg |
| CMS142 | R331031 | 2 | CMS 14 double pole | 3 | 0.27 kg |
| CMS143 | S331032 | 3 | CMS 14 triple pole | 2 | 0.42 kg |
| CMS143N | D331042 | 3 + N | CMS 14 triple pole + neutral conductor | 1 | 0.56 kg |
| CMS144 | F331021 | 4 | CMS 14 quadruple pole | 1 | 0.57 kg |

Modulostar® fuse-holders for 14x51 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Standard compliance | Package | Weight |
|----------------|-------------|------------------------|--|---------|---------|
| CMS141I | L331049 | 1 | CMS 14 single pole | 6 | 0.14 kg |
| CMS141NI | M331050 | 1 + N | CMS 14 single pole + neutral conductor | 3 | 0.30 kg |
| CMS142I | M331004 | 2 | CMS 14 double pole | 3 | 0.29 kg |
| CMS143I | K331071 | 3 | CMS 14 triple pole | 2 | 0.43 kg |
| CMS143NI | Q331007 | 3 + N | CMS 14 triple pole + neutral conductor | 1 | 0.57 kg |

Modulostar® fuse-holders for 14x51 fuse-links, for installation of indicator and/or auxiliary micro switch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--|---------|---------|
| CMS141P | W331058 | 1 | CMS14 single pole | 6 | 0.14 kg |
| CMS141NP | X331059 | 1 + N | CMS14 single pole + neutral conductor | 3 | 0.30 kg |
| CMS142P | G331022 | 2 | CMS14 double pole, two auxiliary microswitches | 3 | 0.29 kg |
| CMS143P | R331054 | 3 | CMS14 triple pole | 2 | 0.43 kg |
| CMS143NP | Z331015 | 3 + N | CMS14 triple pole + neutral conductor | 1 | 0.56 kg |

Modulostar® fuse-holders for 14x51 fuse-links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--|---------|---------|
| CMS141M | Z331038 | 1 | CMS14 single pole | 6 | 0.15 kg |
| CMS141NM | L331026 | 1 + N | CMS14 single pole + neutral conductor | 3 | 0.31 kg |
| CMS142M | A331062 | 2 | CMS14 double pole, two auxiliary microswitches | 3 | 0.29 kg |
| CMS143M | F331067 | 3 | CMS14 triple pole | 2 | 0.43 kg |
| CMS143M2 | H331069 | 3 | CMS14 triple pole, two auxiliary microswitches | 2 | 0.43 kg |
| CMS143NM | E331043 | 3 + N | CMS14 triple pole + neutral conductor | 1 | 0.61 kg |

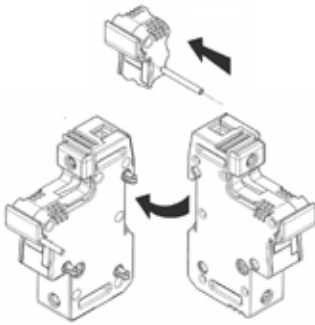
Modulostar® fuse-holders for 14x51 fuse-links, with indicator and auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--|---------|---------|
| CMS141MI | S331055 | 1 | CMS14 single pole | 6 | 0.16 kg |
| CMS141NMI | Q331030 | 1 + N | CMS14 single pole + neutral conductor | 3 | 0.30 kg |
| CMS142MI | X331036 | 2 | CMS14 double pole, two auxiliary microswitches | 3 | 0.29 kg |
| CMS143MI | P331006 | 3 | CMS14 triple pole | 2 | 0.45 kg |
| CMS143M2I | Y331037 | 3 | CMS14 triple pole, two auxiliary microswitches | 2 | 0.43 kg |
| CMS143NMI | H331000 | 3 + N | CMS14 triple pole + neutral conductor | 1 | 0.57 kg |

Modulostar® CMS14

Modular fuse-holders

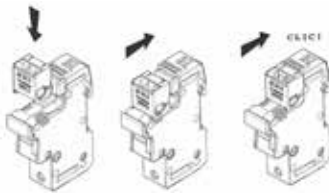
ACCESSORIES



Assembly kit

Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|---|--------|
| CMS1422PAK | Z218223 | 10 | links for connection of multipole units | 2.1 g |



Auxiliary Switches

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|---|--------|
| CMS14W1 | CMS14W1 | 1 | Auxiliary microswitch kit 1 pole CMS14 | 20 g |
| CMS14W2 | CMS14W2 | 1 | Auxiliary microswitch kit 3 poles CMS14 | 25 g |
| CMS14W3 | CMS14W3 | 1 | 2 Auxiliary microswitches kit 3 poles CMS14 | 29 g |
| CMS1422PTH | CMS1422PTH | 10 | Auxiliary microswitch assembly pin (between 2 kits) | 0.5 g |
| CMS1422BP | CMS1422BP | 10 | Enlargement pin for auxiliary microswitch | 1.5 g |



LOCK

Locking devices

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|-------------------------------|---------|
| LOCK | M223525 | 1 | Padlock | 0.48 kg |
| TAGLOCKCMS14 | T1015927 | 1 | Locking kit (Tag and lockout) | 20 g |



TBB1A

TBB1C



TBB23A

TBB23C

Power supply

| Catalog number | Item number | Application | Package | Features | Weight |
|----------------|-------------|----------------------|---------|--|--------|
| TBB1A | D210315 | Max. rms current 90A | 50 | 1 phase axial incoming power supply | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 50 | 1 phase lateral incoming power supply | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 50 | 2 & 3 phases axial incoming power supply | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 50 | 2 & 3 phases lateral incoming power supply | 23.1 g |

Wiring bars / Insulated bus bars



| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|-------------|--|---------|---------|
| CMS14BB3F4 | A210312 | triple pole | Max. rms current 100A, for installation of 4 modules | 5 | 0.12 kg |
| CMS14BB2F6 | Z210311 | double pole | Max. rms current 63A, for installation of 6 modules | 5 | 0.1 kg |
| CMS14BB1F12 | Y210310 | single pole | Max. rms current 63A, for installation of 12 modules | 5 | 47.4 g |

Indication facilities

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|---------------------|--------|
| CMS1422LHI | A225653 | 1 | Indicator light kit | 10 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

Modulostar® CMS22

Modular fuse-holders

PRODUCT RANGE



CMS22



CMS223

Modulostar® fuse-holders for 22x58 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------------|---------|---------|
| CMS22N | K331094 | N | CMS22 neutral conductor | 6 | 0.22 kg |
| CMS221 | T331079 | 1 | CMS22 single pole | 6 | 0.22 kg |
| CMS221N | H331092 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.47 kg |
| CMS222 | Q331122 | 2 | CMS22 double pole | 3 | 0.44 kg |
| CMS223 | E331135 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223N | A331108 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.93 kg |
| CMS224 | Q331099 | 4 | CMS22 quadruple pole | 1 | 0.88 kg |



CMS221I

Modulostar® fuse-holders for 22x58 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------------|---------|---------|
| CMS221I | B331086 | 1 | CMS22 single pole | 6 | 0.20 kg |
| CMS221NI | W1001462 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.41 kg |
| CMS222I | D331134 | 2 | CMS22 double pole | 3 | 0.43 kg |
| CMS223I | L331095 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223NI | N1001455 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.92 kg |



CMS223P

Modulostar® fuse-holders for 22x58 fuse-links, for installation of indicator and/or auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------------|---------|---------|
| CMS221P | Y331083 | 1 | CMS22 single pole | 6 | 0.22 kg |
| CMS223P | V331126 | 3 | CMS22 triple pole | 2 | 0.64 kg |
| CMS223NP | M331073 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.92 kg |



CMS223NM

Modulostar® fuse-holders for 22x58 fuse-links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--|---------|---------|
| CMS221M | S331078 | 1 | CMS22 single pole | 6 | 0.22 kg |
| CMS221NM | W1016642 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.43 kg |
| CMS222M | V331080 | 2 | CMS22 double pole, two auxiliary microswitches | 3 | 0.47 kg |
| CMS223M | B331109 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223M2 | C331087 | 3 | CMS22 triple pole, two auxiliary microswitches | 2 | 0.68 kg |
| CMS223NM | T331102 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.86 kg |

Modulostar® fuse-holders for 22x58 fuse-links, with indicator and auxiliary microswitch

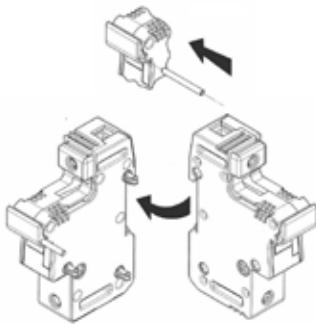
| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--|---------|---------|
| CMS221MI | N331074 | 1 | CMS22 single pole | 6 | 0.23 kg |
| CMS221NMI | N1016589 | 1 + N | CMS22 single pole + neutral conductor | 3 | 0.5 kg |
| CMS222MI | P331098 | 2 | CMS22 double pole, two auxiliary microswitches | 3 | 0.46 kg |
| CMS223MI | E331112 | 3 | CMS22 triple pole | 2 | 0.66 kg |
| CMS223M2I | Q331076 | 3 | CMS22 triple pole, two auxiliary microswitches | 2 | 0.94 kg |
| CMS223NMI | W331104 | 3 + N | CMS22 triple pole + neutral conductor | 1 | 0.93 kg |

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Modulostar® CMS22

Modular fuse-holders

ACCESSORIES



Assembly kit

Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|---|--------|
| CMS1422PAK | Z218223 | 10 | links for connection of multipole units | 2.1 g |

Auxiliary Switches

| Catalog number | Item number | Design | Package | Features | Weight |
|----------------|-------------|---|---------|---|--------|
| CMS22W1 | CMS22W1 | - | 1 | Auxiliary microswitch kit 1 pole CMS22 | 20 g |
| CMS22W2 | CMS22W2 | Auxiliary microswitch kit 3 poles CMS22 | 1 | - | 32 g |
| CMS22W3 | CMS22W3 | 2 Auxiliary microswitches kit 3 poles CMS22 | 1 | - | 35 g |
| CMS1422PTH | CMS1422PTH | - | 10 | Auxiliary microswitch assembly pin (between 2 kits) | 0.5 g |
| CMS1422BP | CMS1422BP | - | 10 | Enlargement pin for auxiliary microswitch | 1.5 g |



LOCK

Locking devices

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|-------------------------------|---------|
| LOCK | M223525 | 1 | Padlock | 0.48 kg |
| TAGLOCKCMS22 | V1015928 | 1 | Locking kit (Tag and lockout) | 25 g |



TBB1A



TBB1C



TBB23A



TBB23C

Power supply

| Catalog number | Item number | Application | Package | Features | Weight |
|----------------|-------------|----------------------|---------|--|--------|
| TBB1A | D210315 | Max. rms current 90A | 50 | 1 phase axial incoming power supply | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 50 | 1 phase lateral incoming power supply | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 50 | 2 & 3 phases axial incoming power supply | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 50 | 2 & 3 phases lateral incoming power supply | 23.1 g |

Wiring bars / Insulated bus bars

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|-------------|--|---------|---------|
| CMS22BB2F6 | C210314 | double pole | Max. rms current 150A, for installation of 6 modules | 5 | 0.30 kg |
| CMS22BB1F12 | B210313 | single pole | Max. rms current 90A, for installation of 12 modules | 5 | 81 g |



Indication facilities

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|---------------------|--------|
| CMS1422LHI | A225653 | 1 | Indicator light kit | 10 g |

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Compact fuse holders CCR

PRODUCT RANGE



CCR81

CCR8 for fuse-links 8,5x31mm, 25A, 400V

| Catalog number | Item number | Number of poles/ phases | Design | Standard compliance | Package | Weight |
|----------------|-------------|-------------------------|--|---|---------|---------|
| CCR81 | C200769 | 1 | CCR8 single pole | IEC60947-3 IEC60269-2 IEC60269-3 + NF | 12 | 58 g |
| CCR81N | A218730 | 1 + N | CCR8 single pole + neutral conductor in one module | IEC60947-3 IEC60269-2 IEC60269-3 + NF | 12 | 58 g |
| CCR82 | V233721 | 2 | CCR8 double pole | IEC60269-2 | 6 | 0.13 kg |
| CCR83 | W233722 | 3 | CCR8 triple pole | IEC60269-2 | 4 | 0.19 kg |
| CCR810N | Z214635 | - | neutral conductor | IEC60947-3 IEC60269-2 IEC60269-3 + NF | 12 | 58 g |



CCR101N

CCR10 for fuse-links 10x38mm, 32A, 500V

| Catalog number | Item number | Number of poles/ phases | Design | Standard compliance | Package | Weight |
|----------------|-------------|-------------------------|---|---|---------|---------|
| CCR101 | N218213 | 1 | CCR10 single pole | IEC60947-3 IEC60269-2 IEC60269-3 + NF | 12 | 58 g |
| CCR101N | H215655 | 1 + N | CCR10 single pole + neutral conductor in one module | IEC60947-3 IEC60269-2 IEC60269-3 + NF | 12 | 62.9 g |
| CCR102 | X233723 | 2 | CCR10 double pole | IEC60269-2 | 6 | 0.13 kg |
| CCR103 | Y233724 | 3 | CCR10 triple pole | IEC60269-3 | 4 | 0.19 kg |
| CCR810N | Z214635 | - | neutral conductor | IEC60947-3 IEC60269-2 IEC60269-3 + NF | 12 | 58 g |

ACCESSORIES



CMS810PAK

Kit for multi phase connection

| Catalog number | Item number | Package | Features | Weight |
|----------------|-------------|---------|---|--------|
| CMS810PAK | Z233725 | 12 | Links for connection of multipole units | 0.5 g |

Compact fuse-holders CC8, CC10, CC14, CC22

PRODUCT RANGE

Modulostar® CC8 for fuse-links 8x31mm, 25A, 400V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|----------------|-------------|------------------------|---------|--------|
| CC81 | E215146 | 1 | 12 | 48 g |



CC101

Modulostar® CC10 for fuse-links 10x38mm, 32A, 500V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|----------------|-------------|------------------------|---------|--------|
| CC101 | S211570 | 1 | 12 | 50 g |

Modulostar® CC14 for fuse-links 14x51mm, 50A, 690V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|----------------|-------------|------------------------|---------|---------|
| CC141 | S219781 | 1 | 12 | 0.11 kg |

Modulostar® CC14 for fuse-links 14x51mm, 50A, 690V, rail mounting

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|----------------|-------------|------------------------|---------|---------|
| CC141R | Z211047 | 1 | 12 | 0.11 kg |

Modulostar® CC22 for fuse-links 22x58mm, 125A, 690V

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|----------------|-------------|------------------------|---------|---------|
| CC221 | X214127 | 1 | 6 | 0.19 kg |



CC221R

Modulostar® CC22 for fuse-links 22x58mm, 125A, 690V, rail mounting

| Catalog number | Item number | Number of poles/phases | Package | Weight |
|----------------|-------------|------------------------|---------|---------|
| CC221R | B217190 | 1 | 6 | 0.19 kg |

Modulostar® CMS27 - Ultrasafe™ US27

Modular fuse-holders

PRODUCT RANGE



CMS271

Modulostar® fuse holders for 27x60 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| CMS271 | R210580 | 1 | single pole | 3 | 0.30 kg |
| CMS271N | S210581 | 1 + N | single pole + neutral conductor | 1 | 0.72 kg |
| CMS272 | T210582 | 2 | double pole | 1 | 0.67 kg |
| CMS273 | V210583 | 3 | triple pole | 1 | 0.91 kg |
| CMS273N | W210584 | 3 + N | triple pole + neutral conductor | 1 | 1.25 kg |
| CMS27N | B210152 | N | neutral conductor | 3 | 0.37 kg |

UltraSafe™ fuse holders for 27x60 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| US271I | J226420 | 1 | single pole | 3 | 0.30 kg |
| US271NI | K226421 | 1+N | single pole + neutral conductor | 1 | 0.73 kg |
| US272I | L226422 | 2 | double pole | 1 | 0.67 kg |
| US273I | M226423 | 3 | triple pole | 3 | 1 kg |
| US273NI | N226424 | 3+N | triple pole + neutral conductor | 1 | 1.27 kg |

UltraSafe™ fuse holders for 27x60 fuse-links, without indicator



US273

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|-------------------|---------|---------|
| US271 | G320005 | 1 | single pole | 3 | 0.30 kg |
| US272 | H320006 | 2 | double pole | 1 | 0.66 kg |
| US273 | J320007 | 3 | triple pole | 3 | 0.9 kg |
| US27N | R232729 | N | neutral conductor | 3 | 0.37 kg |

UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch and indicator



US271MI

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|------------------------------|---------|---------|
| US271MI | R227600 | 1 | single pole | 1 | 0.32 kg |
| US272M2I | T227602 | 2 | double pole, 2 microswitches | 1 | 0.7 kg |
| US272MI | S227601 | 2 | double pole, 1 microswitch | 1 | 0.68 kg |

UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch, indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|------------------------------|---------|---------|
| US271MIRING | Z227607 | 1 | single pole | 1 | 0.54 kg |
| US272M2IRING | B227609 | 2 | double pole, 2 microswitches | 1 | 1.00 kg |

UltraSafe™ fuse holders for 27x60 fuse-links, with indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| US271NIRING | E223518 | 1+N | single pole + neutral conductor | 1 | 0.8 kg |
| US271RING | B223515 | 1 | single pole | 3 | 0.47 kg |
| US272RING | C223516 | 2 | double pole | 1 | 1.00 kg |
| US273RING | D223517 | 3 | triple pole | 3 | 1.39 kg |
| US27NIRING | F223519 | N | neutral conductor | 3 | 0.34 kg |

Modulostar® CMS27 - Ultrasafe™ US27

Modular fuse-holders

ACCESSORIES

Kit for multi phase connection

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| US27PAK | US27PAK | links for connection of multipole units | 10 | 3 g |

Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|-----------------|---------|--------|
| US27W1 | US27W1 | Microswitch kit | 1 | 20 g |

Wiring bars / Insulated bus bars

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| RAILDINSYPERF | C213672 | 35mm Mounting rail symmetric drilled | 40 | 0.33 kg |
| RAILDINSY | J213172 | 35mm Mounting rail symmetric | 40 | 0.36 kg |
| RAILDINSYRENFZ | R215203 | 35mm Mounting rail symmetric reinforced | 40 | 0.67 kg |

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Clips for Cylindrical fuses IEC

Ø sizes 10, 14, 20, 22, 27, 36, 45, 55

PRODUCT RANGE

MR10CI-
RESSORT**MR 10 and MR 10 CI**

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|--------|
| MR10RESSORT | B098004 | 32 A | 32 A | 6 mm ² | 20 | 7 g |
| MR10CIRESSORT | Y098507 | 32 A | 32 A | 6 mm ² | 1000 | 4.5 g |
| MR10RESSORTSP | C098994 | 32 A | 32 A | 6 mm ² | 20 | 5.7 g |

MR 14

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|--------|
| MR14SPRING | G098170 | 63 A | 63 A | 10 mm ² | 10 | 16 g |

MR 20

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|--------|
| MR20RESSORT | H099988 | 125 A | 125 A | 35 mm ² | 20 | 40 g |

MR 22

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|--------|
| MR22SPRING | K098909 | 135 A | 135 A | 35 mm ² | 20 | 40 g |

MR 27

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|--------|
| MR27RESSORT | Y092734 | 250 A | 250 A | 120 mm ² | 20 | 50 g |

MR 36

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|--------|
| MR36R | M091275 | 250 A | 250 A | 120 mm ² | 1 | 85 g |

MR 45

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|---------|
| MR45R | L096472 | 315 A | 315 A | 185 mm ² | 1 | 0.44 kg |
| MR45SPL | S210236 | 315 A | 315 A | 185 mm ² | 1 | 0.23 kg |

MR 55

| Catalog number | Item number | Rated current I _n | Maximum RMS continuous current through IN rated current fuses | Recommended copper cable section | Package | Weight |
|----------------|-------------|------------------------------|---|----------------------------------|---------|---------|
| MR55R | L078969 | 315 A | 315 A | 185 mm ² | 1 | 0.45 kg |



IEC D/DO - LOW VOLTAGE
FUSE SYSTEM



DIN LV FUSE-LINKS D 52 - 53

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D fuse-links gG
500 to 690VAC/500VDC

PRODUCT RANGE



NDZGG50V16

Size NDZ gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|---------|--------|
| NDZGG50V2 | W212539 | 500 V | 500 V | 2 A | pink | 25 | 13.3 g |
| NDZGG50V4 | G213055 | 500 V | 500 V | 4 A | brown | 25 | 13.3 g |
| NDZGG50V6 | C213557 | 500 V | 500 V | 6 A | green | 25 | 13.3 g |
| NDZGG50V10 | B214062 | 500 V | 500 V | 10 A | red | 25 | 13.3 g |
| NDZGG50V16 | J214575 | 500 V | 500 V | 16 A | grey | 25 | 13.3 g |
| NDZGG50V20 | Q215087 | 500 V | 500 V | 20 A | blue | 25 | 13.3 g |
| NDZGG50V25 | Q215593 | 500 V | 500 V | 25 A | yellow | 25 | 13.3 g |



DIIGG50V6

Size DII gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|---------|--------|
| DIIGG50V2 | Z219718 | 500 V | 500 V | 2 A | pink | 2.1 W | 25 | 26.8 g |
| DIIGG50V4 | G222163 | 500 V | 500 V | 4 A | brown | 2 W | 25 | 26.8 g |
| DIIGG50V6 | B222917 | 500 V | 500 V | 6 A | green | 1.2 W | 25 | 26.8 g |
| DIIGG50V10 | K200707 | 500 V | 500 V | 10 A | red | 1.6 W | 25 | 26.8 g |
| DIIGG50V10/6F | D213558 | 500 V | 500 V | 10 A | red | 1.6 W | 25 | 26.8 g |
| DIIGG50V16 | K201765 | 500 V | 500 V | 16 A | grey | 2.4 W | 25 | 26.8 g |
| DIIGG50V20 | A211508 | 500 V | 500 V | 20 A | blue | 2.1 W | 25 | 26.8 g |
| DIIGG50V25 | X212540 | 500 V | 500 V | 25 A | yellow | 3.5 W | 25 | 26.8 g |



DIIIGG50V63

Size DIII gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|---------|--------|
| DIIIGG50V32 | M229091 | 500 V | 500 V | 32 A | black | - | 25 | 51.6 g |
| DIIIGG50V35 | C214063 | 500 V | 500 V | 35 A | black | 3.7 W | 25 | 51.6 g |
| DIIIGG50V50 | K214576 | 500 V | 500 V | 50 A | white | 5.2 W | 25 | 51.6 g |
| DIIIGG50V63 | R215088 | 500 V | 500 V | 63 A | copper | 6 W | 25 | 51.6 g |



DIVGG50V80

Size DIV gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|---------|--------|
| DIVGG50V80 | V216609 | 500 V | 500 V | 80 A | silver | 7.9 W | 10 | 110 g |
| DIVGG50V100 | M217637 | 500 V | 500 V | 100 A | red | 8.9 W | 10 | 120 g |



DVGG50V125

Size DV gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|---------|--------|
| DVGG50V125 | V218150 | 500 V | 500 V | 125 A | yellow | 10 W | 5 | 200 g |
| DVGG50V160 | G218667 | 500 V | 500 V | 160 A | copper | 16.5 W | 5 | 200 g |
| DVGG50V200 | W219186 | 500 V | 500 V | 200 A | blue | 18 W | 5 | 200 g |

D fuse-links flink
500VAC/500VDC

PRODUCT RANGE



NDZFK50V2

Size NDZ flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|---------|--------|
| NDZFK50V2 | C222918 | 500 V | 500 V | 2 A | pink | 25 | 12.9 g |
| NDZFK50V4 | L200708 | 500 V | 500 V | 4 A | brown | 25 | 12.9 g |
| NDZFK50V6 | A201250 | 500 V | 500 V | 6 A | green | 25 | 12.9 g |
| NDZFK50V10 | L201766 | 500 V | 500 V | 10 A | red | 25 | 12.9 g |
| NDZFK50V16 | D207049 | 500 V | 500 V | 16 A | grey | 25 | 12.9 g |
| NDZFK50V20 | B211509 | 500 V | 500 V | 20 A | blue | 25 | 12.9 g |
| NDZFK50V25 | Y212541 | 500 V | 500 V | 25 A | yellow | 25 | 12.9 g |



DIIFK50V2

Size DII flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|---------|--------|
| DIIFK50V2 | E213559 | 500 V | 500 V | 2 A | pink | 25 | 26.8 g |
| DIIFK50V4 | D214064 | 500 V | 500 V | 4 A | brown | 25 | 26.8 g |
| DIIFK50V6 | L214577 | 500 V | 500 V | 6 A | green | 25 | 26.8 g |
| DIIFK50V10 | S215089 | 500 V | 500 V | 10 A | red | 25 | 26.8 g |
| DIIFK50V10/6F | X218152 | 500 V | 500 V | 10 A | red | 25 | 26.8 g |
| DIIFK50V16 | A216108 | 500 V | 500 V | 16 A | grey | 25 | 26.8 g |
| DIIFK50V20 | J217128 | 500 V | 500 V | 20 A | blue | 25 | 26.8 g |
| DIIFK50V25 | P217639 | 500 V | 500 V | 25 A | yellow | 25 | 26.8 g |



DIIIFK50V35

Size DIII flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|---------|--------|
| DIIIFK50V35 | J218669 | 500 V | 500 V | 35 A | black | 25 | 52.8 g |
| DIIIFK50V50 | J222165 | 500 V | 500 V | 50 A | white | 25 | 52.8 g |
| DIIIFK50V63 | M200709 | 500 V | 500 V | 63 A | copper | 25 | 52.8 g |

D fuse-bases and accessories

PRODUCT RANGE



00685.110000

Size DII/DIII with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------|------------------------------|------------------------|---|--|---------|--------|
| 00685.110000 | D211511 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm ² | Clamping yokes | 10 | 120 g |
| 00686.410000 | C216110 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm ² | Clamp straps with 2 screws / clamping yoke | 10 | 170 g |



00685.100000

Size DII/DIII without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------|------------------------------|------------------------|---|--|---------|--------|
| 00685.100000 | K207055 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm ² | Clamping yokes | 15 | 100 g |
| 00686.400000 | V215597 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm ² | Clamp straps with 2 screws / clamping yoke | 15 | 150 g |



00081.110000

Size DII/DIII with touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------|------------------------------|------------------------|---|--|---------|--------|
| 00081.110000 | Z219189 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm ² | Clamping yokes | 10 | 120 g |
| 00072.410000 | A212543 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm ² | Clamp straps with 2 screws / clamping yoke | 10 | 160 g |

D fuse-bases and accessories

PRODUCT RANGE



00081.100000

Size DII/DIII without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------|------------------------------|------------------------|---|--|---------|--------|
| 00081.100000 | K218670 | DII | 500 V | 500 V | 25 A | 1 | Cross section 1,5 to 10 mm ² | Clamping yokes | 15 | 100 g |
| 00072.400000 | H212021 | DIII | 500 V | 500 V | 63 A | 1 | Cross section 2,5 to 25 mm ² | Clamp straps with 2 screws / clamping yoke | 15 | 150 g |



00685.700000

Size DII/DIII cover caps for touch protection

| Catalog number | Item number | Size | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------|------------------------|-------------|---------|--------|
| 00685.700000 | H214068 | DII | 1 | Width 40mm | 30 | 15 g |
| 00625.700000 | N213061 | DII | 3 | Width 107mm | 8 | 110 g |
| 00686.700000 | X215093 | DIII | 1 | Width 50mm | 30 | 17 g |
| 00686.709000 | X215599 | DIII | 1 | Width 54mm | 30 | 18.5 g |



02071.000000

D Screw caps, plastic-design, with testing hole

| Catalog number | Item number | Size | Thread | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Design | Package | Weight |
|----------------|-------------|------|--------|------------------------|------------------------|------------------------------|-------------------|---------|--------|
| 02071.000000 | L201720 | DII | E27 | 500 V | 500 V | 25 A | with testing-hole | 20 | 28.7 g |
| 02072.000000 | E214019 | DIII | E33 | 500 V | 500 V | 63 A | with testing-hole | 20 | 27.7 g |

D fuse-bases and accessories

PRODUCT RANGE



00590.000200



00690.000200



00589.000000



00605.000000

D Screw caps, porcelain-design

| Catalog number | Item number | Size | Thread | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Package | Weight |
|--|-------------|------|--------|------------------------|------------------------|------------------------------|---------|--------|
| with testing-hole | | | | | | | | |
| 00590.000200 | L217130 | DII | E27 | 500 V | 500 V | 25 A | 20 | 38.8 g |
| 00591.000200 | R217641 | DIII | E33 | 500 V | 500 V | 63 A | 20 | 64.6 g |
| with testing-hole and stainless steel | | | | | | | | |
| 00690.000200 | E218619 | DII | E27 | 500 V | 500 V | 25 A | 20 | 41 g |
| 00691.000200 | B213004 | DIII | E33 | 500 V | 500 V | 63 A | 20 | 37.3 g |
| without testing-hole | | | | | | | | |
| 00589.000000 | Z216613 | NDZ | E16 | 500 V | 500 V | 25 A | 50 | 21.2 g |
| 00690.000000 | Z218108 | DII | E27 | 500 V | 500 V | 25 A | 20 | 39.5 g |
| 00691.000000 | F211973 | DIII | E33 | 500 V | 500 V | 63 A | 20 | 60 g |
| long design | | | | | | | | |
| 00605.000000 | L218671 | DIII | E33 | 690 V | - | 16 A | 25 | 110 g |



01657.002000



01658.063000

D Screw gauge pieces

| Catalog number | Item number | Size | Rated current I _n | Colour | Package | Weight |
|----------------|-------------|------|------------------------------|--------|---------|--------|
| 01657.002000 | A219190 | DII | 2 A | pink | 25 | 14.2 g |
| 01657.004000 | D219722 | DII | 4 A | brown | 25 | 14.2 g |
| 01657.006000 | L222167 | DII | 6 A | green | 25 | 14.2 g |
| 01657.010000 | F222921 | DII | 10 A | red | 25 | 14.2 g |
| 01657.016000 | P200711 | DII | 16 A | grey | 25 | 14.2 g |
| 01657.020000 | D201253 | DII | 20 A | blue | 25 | 14.2 g |
| 01657.025000 | P201769 | DII | 25 A | yellow | 25 | 14.2 g |
| 01658.035000 | C207071 | DIII | 35 A | black | 25 | 22 g |
| 01658.050000 | E211512 | DIII | 50 A | white | 25 | 22 g |
| 01658.063000 | J212022 | DIII | 63 A | copper | 25 | 22 g |

D fuse-bases and accessories

PRODUCT RANGE



01652.002000

D Gauge rings

| Catalog number | Item number | Size | Rated current I _n | Colour | Package | Weight |
|----------------|-------------|------|------------------------------|--------|---------|--------|
| 01652.002000 | W215092M | DII | 2 A | pink | 25 | 4.9 g |
| 01652.004000 | W215598M | DII | 4 A | brown | 25 | 4.9 g |
| 01652.006000 | D216111M | DII | 6 A | green | 25 | 4.9 g |
| 01652.010000 | A216614M | DII | 10 A | red | 25 | 4.9 g |
| 01652.016000 | M217131M | DII | 16 A | grey | 25 | 4.9 g |
| 01652.020000 | S217642M | DII | 20 A | blue | 25 | 4.9 g |
| 01652.025000 | A218155M | DII | 25 A | yellow | 25 | 4.9 g |
| 01653.002000 | M218672M | DIII | 2 A | pink | 25 | 7.6 g |
| 01653.004000 | E219723M | DIII | 4 A | brown | 25 | 7.6 g |
| 01653.006000 | M222168M | DIII | 6 A | green | 25 | 7.6 g |
| 01653.010000 | G222922M | DIII | 10 A | red | 25 | 7.6 g |
| 01653.016000 | Q200712M | DIII | 16 A | grey | 25 | 7.6 g |
| 01653.020000 | E201254M | DIII | 20 A | blue | 25 | 7.6 g |
| 01653.025000 | Q201770M | DIII | 25 A | yellow | 25 | 7.6 g |
| 01653.035000 | L207079M | DIII | 35 A | black | 25 | 7.6 g |
| 01653.050000 | F211513M | DIII | 50 A | white | 25 | 7.6 g |



01657.993000

Key for D Gauge pieces

| Catalog number | Item number | Size | Package | Weight |
|----------------|-------------|----------|---------|--------|
| 01657.993000 | E216112 | DII/DIII | 10 | 22.5 g |



00181.900000

D Touch protection rings

| Catalog number | Item number | Size | Package | Weight |
|----------------|-------------|------|---------|--------|
| 00181.900000 | K222120 | DII | 50 | 15 g |
| 00182.900000 | A222870 | DIII | 40 | 18.7 g |



00581.000000

D Adapter fittings

| Catalog number | Item number | Size | Design | Package | Weight |
|----------------|-------------|-------------|---------------------------------------|---------|--------|
| 00581.000000 | C212545 | DII -> DIII | for DII fuse-links to DIII fuse-bases | 24 | 14.1 g |



02071.800000

D Locking caps

| Catalog number | Item number | Size | Thread | Rated current I _n | Colour | Design | Package | Weight |
|----------------|-------------|------|--------|------------------------------|--------|-----------------------------------|---------|--------|
| 02071.800000 | B216615 | DII | E27 | 25 A | black | EVU, for authorized personal only | 5 | 32.7 g |
| 02071.810000 | N217132 | DII | E33 | 25 A | red | Industrie | 5 | 32.7 g |
| 02072.800000 | T217643 | DIII | E27 | 63 A | black | EVU, for authorized personal only | 5 | 38.5 g |
| 02072.810000 | B218156 | DIII | E33 | 63 A | red | Industrie | 5 | 38.5 g |



01714.820000

D Locking keys

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 01714.820000 | K213564A | for authorized personnel only (Utilities) | 1 | 32.5 g |
| 01714.830000 | J214069A | - | 1 | 45 g |

NEOZED DO fuse-links aM 400/440VAC

PRODUCT RANGE



D02AM44V25

Size D02 (E18) aM

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I_n | Colour | Power dissipation at I_n | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|---------------------|--------|----------------------------|----------------------|---------|--------|
| D02AM44V20 | H211607 | 440 V | 20 A | blue | 2.5 W | aM | 10 | 13.2 g |
| D02AM44V25 | F212640 | 440 V | 25 A | yellow | 3 W | aM | 10 | 13.2 g |
| D02AM44V35 | J213655 | 440 V | 35 A | black | 4 W | aM | 10 | 13.2 g |

NEOZED DO fuse-links gG 400/440VAC

PRODUCT RANGE



D01GG40V2

Size D01 (E14) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D01GG40V2 | T214676 | 400 V | 250 V | 2 A | pink | 1.5 W | gG | 50 | 6.6 g |
| D01GG40V4 | W200809 | 400 V | 250 V | 4 A | brown | 1.6 W | gG | 50 | 6.6 g |
| D01GG40V6 | B215695 | 400 V | 250 V | 6 A | green | 1.7 W | gG | 50 | 6.6 g |
| D01GG40V10 | W211090 | 400 V | 250 V | 10 A | red | 1.8 W | gG | 50 | 6.6 g |
| D01GG40V13 | C201206 | 400 V | 250 V | 13 A | black | 2.1 W | gG | 50 | 6.6 g |
| D01GG40V16 | R223023 | 400 V | 250 V | 16 A | grey | 2.2 W | gG | 50 | 6.6 g |



D02GG40V20

Size D02 (E18) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D02GG40V20 | B217742 | 400 V | 250 V | 20 A | blue | 2 W | gG | 50 | 12 g |
| D02GG40V25 | W213160 | 400 V | 250 V | 25 A | yellow | 3 W | gG | 50 | 12 g |
| D02GG40V32 | S227647 | 400 V | 250 V | 32 A | black | - | gG | 50 | 12 g |
| D02GG40V35 | R219826 | 400 V | 250 V | 35 A | black | 3.9 W | gG | 50 | 12 g |
| D02GG40V40 | Q1028666 | 400 V | 250 V | 40 A | black | 3.9 W | gG | 50 | 12 g |
| D02GG40V50 | D215191 | 400 V | 250 V | 50 A | white | 4.7 W | gG | 50 | 12 g |
| D02GG40V63 | C201873 | 400 V | 250 V | 63 A | copper | 5.4 W | gG | 50 | 12 g |



D03GG40V80

Size D03 (M30x2) gG

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D03GG40V80 | L216716 | 400 V | 250 V | 80 A | silver | 5.6 W | gG | 10 | 41 g |
| D03GG40V100 | N212647 | 400 V | 250 V | 100 A | red | 6.7 W | gG | 10 | 41 g |

NEOZED DO fuse-links gG 400/440VAC

PRODUCT RANGE



D01GG44V10

Size D01 (E14) gG Marine

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D01GG44V2 | E218780 | 440 V | 250 V | 2 A | pink | 1.5 W | gG | 50 | 6.6 g |
| D01GG44V4 | V219829 | 440 V | 250 V | 4 A | brown | 1.6 W | gG | 50 | 6.6 g |
| D01GG44V6 | X223028 | 440 V | 250 V | 6 A | green | 1.7 W | gG | 50 | 6.6 g |
| D01GG44V10 | S201358 | 440 V | 250 V | 10 A | red | 1.8 W | gG | 50 | 6.6 g |
| D01GG44V16 | C211096 | 440 V | 250 V | 16 A | grey | 2.2 W | gG | 50 | 6.6 g |



D02GG44V25

Size D02 (E18) gG Marine

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Colour | Power dissipation at I _n | Utilisation category | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|-------------------------------------|----------------------|---------|--------|
| D02GG44V20 | X212126 | 440 V | 250 V | 20 A | blue | 2 W | gG | 50 | 12.6 g |
| D02GG44V25 | S213663 | 440 V | 250 V | 25 A | yellow | 3 W | gG | 50 | 12.6 g |
| D02GG44V35 | C214684 | 440 V | 250 V | 35 A | black | 3.9 W | gG | 50 | 12.6 g |
| D02GG44V50 | J215702 | 440 V | 250 V | 50 A | white | 4.7 W | gG | 50 | 12.6 g |
| D02GG44V63 | N216718 | 440 V | 250 V | 63 A | copper | 5.1 W | gG | 50 | 12.6 g |

INNOZED®

PRODUCT RANGE

DO fuse-bases with touch protection

D/DO SYSTEM



04724.000000

INNOZED D01 16 A, 400 V AC single pole E14

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 04724.000000 | W1032489 | both sides double function clamp 1.5-35 mm ² | 9 | 83.3 g |



04734.000000

INNOZED D01 16 A, 400 V AC triple pole E14

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 04734.000000 | X1032490 | both sides double function clamp 1.5-35 mm ² | 3 | 240 g |



04725.000000

INNOZED D02 63 A, 400 V AC single pole E18

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 04725.000000 | Y1032491 | both sides double function clamp 1.5-35 mm ² | 9 | 80.8 g |



04735.000000

INNOZED D02 63 A, 400 V AC triple pole E18

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 04735.000000 | Z1032492 | both sides double function clamp 1.5-35 mm ² | 3 | 240 g |

INNOZED®

ACCESSORIES

DO fuse-bases with touch protection

**DO screw caps 400V AC synthetic**

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|--|---------|--------|
| 01714.000200 | E212501 | D01, E14, 16A, with testing hole | 20 | 11.8 g |
| 01715.000200 | P211981 | D02, E18, 63A, with testing hole | 20 | 11.6 g |
| 11714.000220 | R214536 | D01, E14, 16A, with sealing and testing hole | 20 | 11.6 g |
| 11715.000220 | S214537 | D02, E18, 63A, with sealing and testing hole | 20 | 11.6 g |
| 01715.000000 | L206435 | D02, E18, 63A, without testing hole | 20 | 12 g |
| 01715.890200 | M214026 | D02, E18, 63A, with adapter insert for fuse links size D01 | 20 | 12.4 g |

**DO screw caps 400/440 VAC, 250 V DC porcelain, with removal grips**

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|----------------------------------|---------|--------|
| 01710.000200 | H201211 | D01, E14, 16A, with testing hole | 20 | 16.4 g |
| 01711.000200 | T215044 | D02, E18, 63A, with testing hole | 20 | 18.5 g |
| 01770.000200 | F1033740 | D01, E14, 16A, with testing hole | 20 | 16.4 g |

**DO cartridge ring adapter inserts D01 E14**

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|-----------|---------|--------|
| 01705.002000 | J216576 | 2A, pink | 50 | 0.4 g |
| 01705.004000 | J219681 | 4A, brown | 50 | 0.4 g |
| 01705.006000 | P206438 | 6A, green | 50 | 0.4 g |
| 01705.010000 | M213014 | 10A, red | 50 | 0.4 g |

**DO cartridge ring adapter inserts D02 E18**

| Catalog number | Item number | Application | Features | Package | Weight |
|----------------|-------------|--------------------------------------|-------------|---------|--------|
| 01706.002000 | K216577 | For D01 fuse links in D02 fuse bases | 2A, pink | 50 | 0.6 g |
| 01706.004000 | S222127 | For D01 fuse links in D02 fuse bases | 4A, brown | 50 | 0.6 g |
| 01706.006000 | R211983 | For D01 fuse links in D02 fuse bases | 6A, green | 50 | 0.6 g |
| 01706.010000 | H216069 | For D01 fuse links in D02 fuse bases | 10A, red | 50 | 0.6 g |
| 01706.016000 | Q218629 | For D01 fuse links in D02 fuse bases | 16A, grey | 50 | 0.5 g |
| 01706.020000 | S200668 | For D02 fuse links | 20A, blue | 50 | 0.5 g |
| 01706.025000 | R213524 | For D02 fuse links | 25A, yellow | 50 | 0.6 g |
| 01706.035000 | J216070 | For D02 fuse links | 35A, black | 50 | 0.5 g |
| 01706.050000 | R218630 | For D02 fuse links | 50A, white | 50 | 0.6 g |

INNOZED®

DO fuse-bases with touch protection

ACCESSORIES

D/DO SYSTEM



02963.000000



22963.003000



22963.363000

Wiring bars

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 02963.000000 | M215107 | single pole, 16 mm ² , partition 27 mm (distance of poles), peg design, L-shaped | 5 | 170 g |
| 22963.003000 | K302873 | triple pole, 16 mm ² , partition 27 mm (distance of poles), peg design, L-shaped | 5 | 660 g |
| 22963.361000 | J1002417 | single pole, 35 mm ² , partition 27 mm (distance of poles), peg design, L-shaped | 5 | 470 g |
| 22963.363000 | L302874 | triple pole, 35 mm ² , partition 27 mm (distance of poles), peg design, L-shaped | 5 | 1210 g |
| 02901.000000 | E302891 | end cap for single pole wiring bus bar | 10 | 0.4 g |
| 02901.350000 | K1002418 | endcover for triple pole wiring bus bar | 10 | 0.5 g |
| 02903.165000 | G302893 | end cap for triple pole wiring bus bars up to 16 mm ² | 10 | 1.8 g |
| 02903.350000 | R302902 | end cap for triple pole wiring bus bars up to 35 mm ² | 10 | 1.5 g |



02901.000000



02901.350000



02903.165000

NEOZED DO fuse-bases 400VAC

PRODUCT RANGE



01720.170000

Size D01 (E14) with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|--|--------------------------------|---------|--------|
| 01720.170000 | B211463 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm ² | Clamping yokes | 20 | 76.7 g |
| 01720.370000 | T215550 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm ² | Clamping yoke / screw terminal | 20 | 69.5 g |
| 01730.172000 | A219144 | D01 | 400 V | 16 A | 3 | Cross section 1,5 to 4 mm ² | Clamping yokes | 5 | 220 g |



01720.150000

Size D01 (E14) without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|--|-------------------|---------|--------|
| 01720.150000 | J200660 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm ² | Clamping yokes | 20 | 68 g |
| 01730.152000 | B216063 | D01 | 400 V | 16 A | 3 | Cross section 1,5 to 4 mm ² | Clamping yokes | 5 | 41 g |



01720.100000

Size D01 (E14) without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|--|-------------------|---------|--------|
| 01720.100000 | Z216061 | D01 | 400 V | 16 A | 1 | Cross section 1,5 to 4 mm ² | Clamping yokes | 20 | 3.2 g |
| 01730.100000 | K200661 | D01 | 400 V | 16 A | 3 | Cross section 1,5 to 4 mm ² | Clamping yokes | 5 | 40 g |



01721.270000

Size D02 (E18) with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|---|--|---------|--------|
| 01721.270000 | M200663 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 20 | 89.5 g |
| 01721.470000 | K218624 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp strap with 2 screws / screw terminal | 20 | 93 g |
| 01731.272000 | E222874 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 5 | 280 g |



01721.450000

Size D02 (E18) without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|---|--|---------|--------|
| 01721.250000 | J218623 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 20 | 72 g |
| 01721.450000 | W215552 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp strap with 2 screws / screw terminal | 20 | 72 g |
| 01731.252000 | Y217601 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 5 | 250 g |
| 01731.452000 | M211979 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm ² | Clamp strap with 2 screws / screw terminal | 5 | 46.2 g |



01721.200000

Size D02 (E18) without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|---|--|---------|--------|
| 01721.200000 | M214532 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 20 | 71.5 g |
| 01721.400000 | F213008 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp strap with 2 screws / screw terminal | 20 | 72 g |
| 01731.200000 | F216573 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 5 | 240 g |
| 01731.400000 | K206365 | D02 | 400 V | 63 A | 3 | Cross section 1,5 to 25 mm ² | Clamp strap with 2 screws / screw terminal | 5 | 9 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

NEOZED D0 fuse-bases 400VAC

PRODUCT RANGE



01722.470000

Size D03 (M30x2) with touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|--|--|---------|--------|
| 01722.470000 | F216067 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm ² | Clamp strap with 2 screws / screw terminal | 10 | 220 g |



01722.450000

Size D03 (M30x2) without touch protection, DIN rail mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|--|--|---------|--------|
| 01722.450000 | Q214535 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm ² | Clamp strap with 2 screws / screw terminal | 10 | 200 g |



01722.400000

Size D03 (M30x2) without touch protection, screw mounting

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|----------------|-------------|------|------------------------|------------------------------|------------------------|--|--|---------|--------|
| 01722.400000 | J213011 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm ² | Clamp strap with 2 screws / screw terminal | 10 | 190 g |

Size D03 general fuse-bases with cover cap



01722.480000

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|-----------------------|-------------|------|------------------------|------------------------------|------------------------|--|--|---------|--------|
| snap-on-fixing | | | | | | | | | |
| 01722.480000 | H219680 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm ² | Clamp strap with 2 screws / screw terminal | 10 | 260 g |
| screw mounting | | | | | | | | | |
| 01722.430000 | K214024 | D03 | 400 V | 100 A | 1 | Cross section 10 to 50 mm ² | Clamp strap with 2 screws / screw terminal | 10 | 250 g |



01738.250000

Size D02 triple-pole fuse-bases without touch protection

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Number of poles/phases | Connection | Cable termination | Package | Weight |
|-----------------------|-------------|------|------------------------|------------------------------|------------------------|---|----------------------------|---------|--------|
| snap-on fixing | | | | | | | | | |
| 01738.250000 | B218110 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 5 | 42.6 g |
| screw mounting | | | | | | | | | |
| 01738.200000 | Z217602 | D02 | 400 V | 63 A | 1 | Cross section 1,5 to 25 mm ² | Clamp straps with 2 screws | 5 | 41.6 g |



01732.700000

Size D01-D03 cover caps for touch protection

| Catalog number | Item number | Size | Number of poles/phases | Package | Weight |
|--|-------------|--------|------------------------|---------|--------|
| Base Size D01/D02, triple-pole (standard), write on | | | | | |
| 01732.700000 | M216579 | D01/02 | 3 | 20 | 22.7 g |
| Base Size D01/D02, single-pole (standard), write on | | | | | |
| 01718.700000 | V200670 | D01/02 | 1 | 50 | 9.6 g |
| Base Size D03, single-pole | | | | | |
| 01728.000000 | V211986 | D03 | 1 | 40 | 20.5 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

NEOZED DO fuse-bases 400VAC

ACCESSORIES



01714.000200

01715.000000

D0 screw caps 400V AC synthetic

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|--|---------|--------|
| 01714.000200 | E212501 | D01, E14, 16A, with testing hole | 20 | 11.8 g |
| 01715.000200 | P211981 | D02, E18, 63A, with testing hole | 20 | 11.6 g |
| 11714.000220 | R214536 | D01, E14, 16A, with sealing and testing hole | 20 | 11.6 g |
| 11715.000220 | S214537 | D02, E18, 63A, with sealing and testing hole | 20 | 11.6 g |
| 01715.000000 | L206435 | D02, E18, 63A, without testing hole | 20 | 12 g |
| 01715.890200 | M214026 | D02, E18, 63A, with adapter insert for fuse links size D01 | 20 | 12.4 g |



01711.000200

01770.000200

D0 screw caps 400/440 VAC, 250 V DC porcelain, with removal grips

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|-------------------------------------|---------|--------|
| 01770.000200 | F1033740 | D01, E14, 16A, with testing hole | 20 | 16.4 g |
| 01711.000200 | T215044 | D02, E18, 63A, with testing hole | 20 | 18.5 g |
| 01712.000200 | V215045 | D03, M30x2, 100A, with testing hole | 10 | 84 g |



01705.006000

01705.010000

D0 cartridge ring adapter inserts D01 E14

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|------------------|---------|--------|
| 01705.002000 | J216576 | 2A, pink | 50 | 0.4 g |
| 01705.004000 | J219681 | 4A, brown | 50 | 0.4 g |
| 01705.006000 | P206438 | 6A, green | 50 | 0.4 g |
| 01705.010000 | M213014 | 10A, red | 50 | 0.4 g |
| 01716.000000 | X222936 | Screw cap wrench | 1 | 30 g |



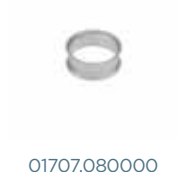
01716.000000

D0 cartridge ring adapter inserts D02 E18

01706.002000

01706.020000

| Catalog number | Item number | Application | Features | Package | Weight |
|----------------|-------------|--------------------------------------|-------------|---------|--------|
| 01706.002000 | K216577 | For D01 fuse links in D02 fuse bases | 2A, pink | 50 | 0.6 g |
| 01706.004000 | S222127 | For D01 fuse links in D02 fuse bases | 4A, brown | 50 | 0.6 g |
| 01706.006000 | R211983 | For D01 fuse links in D02 fuse bases | 6A, green | 50 | 0.6 g |
| 01706.010000 | H216069 | For D01 fuse links in D02 fuse bases | 10A, red | 50 | 0.6 g |
| 01706.016000 | Q218629 | For D01 fuse links in D02 fuse bases | 16A, grey | 50 | 0.5 g |
| 01706.020000 | S200668 | For D02 fuse links | 20A, blue | 50 | 0.5 g |
| 01706.025000 | R213524 | For D02 fuse links | 25A, yellow | 50 | 0.6 g |
| 01706.035000 | J216070 | For D02 fuse links | 35A, black | 50 | 0.5 g |
| 01706.050000 | R218630 | For D02 fuse links | 50A, white | 50 | 0.6 g |

D0 cartridge ring adapter inserts D03 M30x2

01707.080000

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|-------------|---------|--------|
| 01707.080000 | T200669 | 80A, silver | 20 | 1.6 g |

NEOZED D0 fuse-bases 400VAC

ACCESSORIES



01714.800000



01715.810000

Locking devices

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---|---------|--------|
| 01714.810000 | P213062E | Locking cap for D01 E14 fuse-bases | 5 | 12.4 g |
| 01714.800000 | D212546E | Locking cap for D01 E14 fuse-bases for authorized personal only (EVU) | 5 | 12.2 g |
| 01715.810000 | Y215094E | Locking cap for D02 E18 fuse-bases | 5 | 13.7 g |
| 01715.800000 | R214582E | Locking cap for D02 E18 fuse-bases for authorized personal only (EVU) | 5 | 14 g |
| 01714.830000 | J214069A | Special key for locking caps | 1 | 45 g |



01714.830000



01713.000000

Adapter inserts

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---|---------|--------|
| 01709.000000 | P214028 | Adapter for Size D02 fuse-links in Size D03 bases | 25 | 1.3 g |
| 01713.000000 | Z215049 | Adapter for Size D01 fuse-links in Size D02 bases | 50 | 0.9 g |
| 01733.000000 | J218117 | Adapter for Size D01 fuse-links in DL-bases | 100 | 0.2 g |



01708.000000

Adapter removal and fitting devices

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|--|---------|--------|
| 01708.000000 | J212505 | Screw removal and insertion key to remove and insert cartridge ring adapter inserts size D01-D03 | 1 | 19.7 g |

LINOCUR®

Size D02 63A 230VAC/440VAC

PRODUCT RANGE



05861.063000

DO Linocur® D02 230 to 400VAC, 65VDC

| Catalog number | Item number | Rated current I _n | Number of poles/ phases | Width | Cross section | Package | Weight |
|----------------|-------------|------------------------------|-------------------------|--------|--------------------|---------|--------|
| 05861.063000 | Z1012620 | 63 A | 1 | 27 mm | 35 mm ² | 3 | 210 g |
| 05862.063000 | J1012606 | 63 A | 2 | 54 mm | 35 mm ² | 2 | 320 g |
| 05863.063000 | B1012622 | 63 A | 3 | 81 mm | 35 mm ² | 1 | 640 g |
| 05861.063100 | H1012628 | 63 A | 1+N | 54 mm | 35 mm ² | 2 | 320 g |
| 05863.063100 | E1012602 | 63 A | 3+N | 108 mm | 35 mm ² | 1 | 640 g |



05863.063000



05864.063000

DO Linocur® D02 220VDC

| Catalog number | Item number | Rated current I _n | Number of poles/ phases | Width | Cross section | Package | Weight |
|----------------|-------------|------------------------------|-------------------------|--------|--------------------|---------|--------|
| 05864.063000 | L1012608 | 63 A | 4 | 108 mm | 35 mm ² | 1 | 630 g |

DO Linocur® D02 230VAC to 400VAC, 65VDC, with fuse-links and fixed gauge pieces

05863.050000

| Catalog number | Item number | Rated current I _n | Number of poles/ phases | Width | Cross section | Package | Weight |
|----------------|-------------|------------------------------|-------------------------|-------|--------------------|---------|--------|
| 05861.020000 | M1012609 | 20 A | 1 | 27 mm | 35 mm ² | 3 | 210 g |
| 05861.025000 | A1012621 | 25 A | 1 | 27 mm | 35 mm ² | 3 | 210 g |
| 05862.025000 | B1012760 | 25 A | 2 | 54 mm | 35 mm ² | 2 | 320 g |
| 05863.025000 | G1012627 | 25 A | 3 | 81 mm | 35 mm ² | 1 | 640 g |
| 05861.035000 | N1012610 | 35 A | 1 | 27 mm | 35 mm ² | 3 | 210 g |
| 05862.035000 | D1012624 | 35 A | 2 | 54 mm | 35 mm ² | 2 | 320 g |
| 05863.035000 | E1012625 | 35 A | 3 | 81 mm | 35 mm ² | 1 | 640 g |
| 05861.050000 | C1012761 | 50 A | 1 | 27 mm | 35 mm ² | 3 | 210 g |
| 05862.050000 | D1012762 | 50 A | 2 | 54 mm | 35 mm ² | 2 | 320 g |
| 05863.050000 | P1012611 | 50 A | 3 | 81 mm | 35 mm ² | 1 | 640 g |

DO Linocur® D02 250VAC to 440 VAC (suitable for marine application)

05863.063040

| Catalog number | Item number | Rated current I _n | Number of poles/ phases | Width | Cross section | Package | Weight |
|----------------|-------------|------------------------------|-------------------------|--------|--------------------|---------|--------|
| 05861.063040 | H1012605 | 63 A | 1 | 27 mm | 35 mm ² | 3 | 140 g |
| 05862.063040 | S1012614 | 63 A | 2 | 54 mm | 35 mm ² | 2 | 320 g |
| 05863.063040 | J1012629 | 63 A | 3 | 81 mm | 35 mm ² | 1 | 640 g |
| 05863.063140 | T1012615 | 63 A | 3+N | 108 mm | 35 mm ² | 1 | 250 g |

LINOCUR®

Size D02 63A 230VAC/440VAC

ACCESSORIES



01713.700000



01715.700000

D0 screw caps 400V AC synthetic

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---|---------|--------|
| 01713.700000 | W1016665 | Reduction Spring, for the use of D01 fuse-links in the bayonet screw cap Size D01 | 10 | 1 g |
| 01715.700000 | K1015206 | Replacement screw cap with sealing hole, without testing hole D02, 63A | 10 | 12.5 g |



01716.000000

D0 cartridge ring adapter inserts D01 E14

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|------------------|---------|--------|
| 01716.000000 | X222936 | Screw cap wrench | 1 | 30 g |



01715.710000

01714.830000

Locking devices

| Catalog number | Item number | Design | Features | Rated current I _n | Package | Weight |
|----------------|-------------|--------|--|------------------------------|---------|--------|
| 01715.710000 | L1015207 | - | Locking cap for D0 Linocur, with industrial locking wrench 63A | 63 A | 10 | 6 g |
| 01714.830000 | J214069 | - | Special key for locking caps | - | 1 | 45 g |



02963.000000



22963.003000



22963.363000

Wiring bars

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 02923.109156 | D302890 | special wiring bar to connect Linocur (27mm) with miniature circuit breakers (18mm) length 140mm, cross section 16mm ² | 5 | 71.1 g |
| 02963.000000 | M215107 | single pole, 16 mm ² , partition 27 mm (distance of poles), peg design, L-shaped | 5 | 170 g |
| 22963.003000 | K302873 | triple pole, 16 mm ² , partition 27 mm (distance of poles), peg design, L-shaped | 5 | 660 g |
| 22963.363000 | L302874 | triple pole, 35 mm ² , partition 27 mm (distance of poles), peg design, L-shaped | 5 | 1 210 g |
| 02901.000000 | E302891 | end cap for single pole wiring bus bar | 10 | 0.4 g |
| 02903.165000 | G302893 | end cap for triple pole wiring bus bars up to 16 mm ² | 10 | 1.8 g |
| 02903.350000 | R302902 | end cap for triple pole wiring bus bars up to 35 mm ² | 10 | 1.5 g |
| 02923.102159 | Z302886 | Eurovario wiring rail - fixed length and may not be cut length 159mm, cross section 10mm ² | 5 | 46.5 g |
| 02923.162159 | A302887 | Eurovario wiring rail - fixed length and may not be cut length 159mm, cross section 16mm ² | 5 | 67.5 g |
| 02923.102243 | B302888 | Eurovario wiring rail - fixed length and may not be cut length 243mm, cross section 10mm ² | 5 | 81.7 g |
| 02923.162243 | C302889 | Eurovario wiring rail - fixed length and may not be cut length 243mm, cross section 16mm ² | 10 | 120 g |



02901.000000



02903.165000

LINO CUR®

Size D02 63A 230VAC/440VAC

ACCESSORIES



05860.100000

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 05860.100000 | G1015203 | Monitoring device for Linocur 2P, 3P, 3P+N Type 1 (switch position), cross section 1,5mm ² , operating voltage 400V +/-10% | 1 | 440 g |
| 05860.200000 | H1015204 | Monitoring device for Linocur 2P, 3P, 3P+N Type 2 (fuse operation), cross section 1,5mm ² , operating voltage 400V +/-10% | 1 | 440 g |
| 05860.300000 | J1015205 | Monitoring device for Linocur 2P, 3P, 3P+N Type 3 (switch position and fuse operation), cross section 1,5mm ² , operating voltage 400V +/-10% | 1 | 440 g |



02993.100000

Terminal clamps

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 02993.100000 | V1007924 | Connecting terminal 50mm ² , insulated, long, cross section 50mm ² (if 35mm ² rail 2296.363000 is used then in feed terminal required) | 10 | 37.5 g |

Area with horizontal dotted lines for notes.

IEC NH - LOW VOLTAGE FUSE SYSTEM





IEC NH FUSE-LINKS

74 - 94

| | |
|--|----|
| NH fuse-links gG 400VAC | 74 |
| NH fuse-links gG 500VAC | 75 |
| NH fuse-links gG 690VAC | 78 |
| NH fuse-links gG 400VAC isolated gripping-lugs | 81 |
| NH fuse-links gG 500VAC isolated gripping-lugs | 83 |
| NH fuse-links gG 690VAC isolated gripping-lugs | 85 |
| NH fuse-links aM 500VAC | 86 |
| NH fuse-links aM 690VAC | 88 |
| NH fuse-links gTr 400VAC | 90 |
| NH fuse-links gG 500 - 690VAC | 93 |
| NH fuse-links aM 500 - 690VAC | 94 |



BSL NH FUSE-RAILS

95 - 101

| | |
|--|----|
| BSL NH Fuse Rails Size 00 160A, 690VAC | 95 |
| BSL NH Fuse Rails Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC | 98 |



IEC NH FUSE-BASES

102 - 105

| | |
|---------------------|-----|
| NH Fuse-Bases | 102 |
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IEC NH FUSE-HANDLES

105

| | |
|-----------------------|-----|
| NH Fuse Handles | 105 |
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IEC SOLID LINKS

106

| | |
|----------------------|-----|
| NH Solid Links | 106 |
|----------------------|-----|

NH fuse-links gG 400VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 1, 2, 3

Size 000 gG 400VAC



NH000GG40V35

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH000GG40V2 | Z223674 | 400 V | 2 A | 0.7 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V4 | A223675 | 400 V | 4 A | 0.9 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V6 | B223676 | 400 V | 6 A | 1.2 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V10 | C223677 | 400 V | 10 A | 1.3 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG40V16 | D223678 | 400 V | 16 A | 1.6 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V20 | E223679 | 400 V | 20 A | 1.9 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V25 | F223680 | 400 V | 25 A | 2.2 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V32 | G223681 | 400 V | 32 A | 2.7 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V35 | H223682 | 400 V | 35 A | 3.1 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V40 | J223683 | 400 V | 40 A | 3.5 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V50 | K223684 | 400 V | 50 A | 3.9 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V63 | L223685 | 400 V | 63 A | 5.2 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V80 | M223686 | 400 V | 80 A | 5.3 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG40V100 | N223687 | 400 V | 100 A | 5.7 W | 20.8 mm | 9 | 0.13 kg |

Size 00 gG 400VAC



NH00GG40V160

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|--------|
| NH00GG40V125 | E223702 | 400 V | 125 A | 7.4 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG40V160 | F223703 | 400 V | 160 A | 8.3 W | 29.5 mm | 3 | 0.2 kg |

Size 1 gG 400VAC



NH1GG40V125

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH1GG40V35 | J223706 | 400 V | 35 A | 4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V50 | K223707 | 400 V | 50 A | 5.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V63 | L223708 | 400 V | 63 A | 6.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V80 | M223709 | 400 V | 80 A | 6.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V100 | N223710 | 400 V | 100 A | 8.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V125 | P223711 | 400 V | 125 A | 9.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V160 | Q223712 | 400 V | 160 A | 12.4 W | 39.5 mm | 3 | 0.41 kg |
| NH1GG40V200 | R223713 | 400 V | 200 A | 14.4 W | 39.5 mm | 3 | 0.41 kg |
| NH1GG40V224 | S223714 | 400 V | 224 A | 15.6 W | 39.5 mm | 3 | 0.41 kg |
| NH1GG40V250 | T223715 | 400 V | 250 A | 17.6 W | 39.5 mm | 3 | 0.41 kg |

Size 2 gG 400VAC



NH2GG40V250

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH2GG40V35 | T227257 | 400 V | 35 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V50 | V227258 | 400 V | 50 A | 5.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V63 | W227259 | 400 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V80 | F223726 | 400 V | 80 A | 6.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V100 | G223727 | 400 V | 100 A | 8.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V125 | H223728 | 400 V | 125 A | 10.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V160 | J223729 | 400 V | 160 A | 10.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V200 | K223730 | 400 V | 200 A | 15.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V224 | L223731 | 400 V | 224 A | 14.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V250 | M223732 | 400 V | 250 A | 17.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V315 | N223733 | 400 V | 315 A | 20.1 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V355 | P223734 | 400 V | 355 A | 22.6 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V400 | Q223735 | 400 V | 400 A | 25.4 W | 51 mm | 3 | 0.64 kg |

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NH fuse-links gG 400VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 1, 2, 3

Size 3 gG 400VAC



NH3GG40V250

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|-------|---------|---------|
| NH3GG40V250 | R223736 | 400 V | 250 A | 15.4 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V315 | S223737 | 400 V | 315 A | 19.8 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V400 | T223738 | 400 V | 400 A | 25.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V500 | V223739 | 400 V | 500 A | 31.1 W | 70 mm | 1 | 1.05 kg |
| NH3GG40V630 | W223740 | 400 V | 630 A | 39 W | 70 mm | 1 | 1.05 kg |

NH fuse-links gG 500VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

Size 000 gG 500VAC



NH000GG50V2

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH000GG50V2 | B211946 | 500 V | 250 V | 2 A | 1.9 W | 3 | 0.13 kg |
| NH000GG50V4 | M212462 | 500 V | 250 V | 4 A | 1.5 W | 3 | 0.13 kg |
| NH000GG50V6 | D213995 | 500 V | 250 V | 6 A | 1.6 W | 3 | 0.13 kg |
| NH000GG50V10 | B219651 | 500 V | 250 V | 10 A | 1.1 W | 3 | 0.13 kg |
| NH000GG50V16 | K222097 | 500 V | 250 V | 16 A | 1.8 W | 9 | 0.13 kg |
| NH000GG50V20 | A222847 | 500 V | 250 V | 20 A | 2.3 W | 9 | 0.13 kg |
| NH000GG50V25 | E201185 | 500 V | 250 V | 25 A | 2.4 W | 9 | 0.13 kg |
| NH000GG50V32 | Z211438 | 500 V | 250 V | 32 A | 3.1 W | 9 | 0.13 kg |
| NH000GG50V35 | C211947 | 500 V | 250 V | 35 A | 3 W | 9 | 0.13 kg |
| NH000GG50V40 | N212463 | 500 V | 250 V | 40 A | 3.7 W | 9 | 0.13 kg |
| NH000GG50V50 | T212974 | 500 V | 250 V | 50 A | 4.1 W | 9 | 0.13 kg |
| NH000GG50V63 | E213996 | 500 V | 250 V | 63 A | 5.4 W | 9 | 0.13 kg |
| NH000GG50V80 | Y216543 | 500 V | 250 V | 80 A | 6.5 W | 9 | 0.13 kg |
| NH000GG50V100 | B219122 | 500 V | 250 V | 100 A | 7.5 W | 9 | 0.13 kg |

Size 00 gG 500VAC



NH00GG50V125

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|--------|
| NH00GG50V125 | R201863 | 500 V | 250 V | 125 A | 10 W | 3 | 0.2 kg |
| NH00GG50V160 | P211084 | 500 V | 250 V | 160 A | 11.3 W | 3 | 0.2 kg |

NH fuse-links gG 500VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

Size 0 gG 500VAC



NH0GG50V6

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH0GG50V6 | H213148 | 500 V | 250 V | 6 A | 1.6 W | 3 | 0.27 kg |
| NH0GG50V10 | G214159 | 500 V | 250 V | 10 A | 1.1 W | 3 | 0.27 kg |
| NH0GG50V16 | Q215179 | 500 V | 250 V | 16 A | 1.8 W | 3 | 0.27 kg |
| NH0GG50V20 | R215686 | 500 V | 250 V | 20 A | 2.3 W | 3 | 0.27 kg |
| NH0GG50V25 | Y216198 | 500 V | 250 V | 25 A | 2.4 W | 3 | 0.27 kg |
| NH0GG50V32 | W216702 | 500 V | 250 V | 32 A | 3.1 W | 3 | 0.27 kg |
| NH0GG50V35 | J217220 | 500 V | 250 V | 35 A | 3 W | 3 | 0.27 kg |
| NH0GG50V40 | P217731 | 500 V | 250 V | 40 A | 3.7 W | 3 | 0.27 kg |
| NH0GG50V50 | Z218246 | 500 V | 250 V | 50 A | 4.1 W | 3 | 0.27 kg |
| NH0GG50V63 | N218765 | 500 V | 250 V | 63 A | 6.6 W | 3 | 0.27 kg |
| NH0GG50V80 | C219284 | 500 V | 250 V | 80 A | 8 W | 3 | 0.27 kg |
| NH0GG50V100 | D219814 | 500 V | 250 V | 100 A | 9.4 W | 3 | 0.27 kg |
| NH0GG50V125 | P222492 | 500 V | 250 V | 125 A | 11.8 W | 3 | 0.27 kg |
| NH0GG50V160 | F223013 | 500 V | 250 V | 160 A | 14.6 W | 3 | 0.27 kg |
| NH0GG50V200 | C229611 | 500 V | 250 V | 200 A | 18.1 W | 3 | 0.27 kg |
| NH0GG50V224 | D229612 | 500 V | 250 V | 224 A | 19.2 W | 3 | 0.27 kg |
| NH0GG50V250 | E229613 | 500 V | 250 V | 250 A | 20.3 W | 3 | 0.27 kg |

Size 1 gG 500VAC



NH1GG50V16

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH1GG50V16 | M200801 | 500 V | 250 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V20 | C201344 | 500 V | 250 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V25 | N201860 | 500 V | 250 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V32 | L211081 | 500 V | 250 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V35 | A211600 | 500 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V40 | Y212633 | 500 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V50 | B213648 | 500 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V63 | L214669 | 500 V | 250 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V80 | S215687 | 500 V | 250 V | 80 A | 8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V100 | X216703 | 500 V | 250 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V125 | V236044 | 500 V | 250 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V160 | A218247 | 500 V | 250 V | 160 A | 14.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V200 | P218766 | 500 V | 250 V | 200 A | 18 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V224 | D219285 | 500 V | 250 V | 224 A | 19 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V250 | E219815 | 500 V | 250 V | 250 A | 20 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V315 | Q228519 | 500 V | 250 V | 315 A | 20.5 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V355 | R228520 | 500 V | 250 V | 355 A | 23.7 W | 39.5 mm | 3 | 0.42 kg |

NH fuse-links gG 500VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3



NH2GG50V63

Size 2 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH2GG50V25 | N200802 | 500 V | 250 V | 25 A | 2.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V32 | D201345 | 500 V | 250 V | 32 A | 3.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V35 | P201861 | 500 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V40 | M211082 | 500 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V50 | B211601 | 500 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V63 | Z212634 | 500 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V80 | C213649 | 500 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V100 | M214670 | 500 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V125 | T215688 | 500 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V160 | Y216704 | 500 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V200 | R217733 | 500 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V224 | Q218767 | 500 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V250 | R222494 | 500 V | 250 V | 250 A | 20.6 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V300 | P200803 | 500 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V315 | E201346 | 500 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V355 | Q201862 | 500 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V400 | N211083 | 500 V | 250 V | 400 A | 32 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V425 | S228521 | 500 V | 250 V | 425 A | 32.2 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V500 | T228522 | 500 V | 250 V | 500 A | 35.6 W | 51 mm | 3 | 0.64 kg |



NH3GG50V250



NH3GG50V800

Size 3 gG 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|-------|---------|---------|
| NH3GG50V224 | V233744 | 500 V | 250 V | 224 A | 20 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V250 | C211602 | 500 V | 250 V | 250 A | 21.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V300 | A212635 | 500 V | 250 V | 300 A | 20 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V315 | L213151 | 500 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V355 | K214162 | 500 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V400 | T215182 | 500 V | 250 V | 400 A | 34 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V425 | B216201 | 500 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V450 | Z216705 | 500 V | 250 V | 450 A | 38 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V500 | M217223 | 500 V | 250 V | 500 A | 43 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V630 | S217734 | 500 V | 250 V | 630 A | 43.1 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V800 | V228523 | 500 V | 250 V | 800 A | 53.2 W | 70 mm | 1 | 1.05 kg |

NH fuse-links gG 500VAC

PRODUCT RANGE

middle indicator/live gripping-lugs size 4, 4a



NH4GG50V400

Size 4 gG 500VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|--------|---------|--------|
| NH4GG50V400 | K1054283 | 500 V | 250 V | 400 A | 31.5 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V500 | L1054284 | 500 V | 250 V | 500 A | 38 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V630 | M1054285 | 500 V | 250 V | 630 A | 46 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V800 | N1054286 | 500 V | 250 V | 800 A | 62 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V1000 | P1054287 | 500 V | 250 V | 1000 A | 73.5 W | 100 mm | 1 | 2.1 kg |
| NH4GG50V1250 | Q1054288 | 500 V | 250 V | 1250 A | 87 W | 100 mm | 1 | 2.1 kg |

NH fuse-links gG 500VAC
middle indicator/live gripping-lugs size 4, 4a

PRODUCT RANGE



NH4AGG50V400

Size 4a gG 500VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|--------|---------|---------|
| NH4AGG50V400 | R1054289 | 500 V | 250 V | 400 A | 34 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V500 | S1054290 | 500 V | 250 V | 500 A | 42.5 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V630 | T1054291 | 500 V | 250 V | 630 A | 53 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V800 | V1054292 | 500 V | 250 V | 800 A | 65 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V1000 | W1054293 | 500 V | 250 V | 1000 A | 78 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V1250 | X1054294 | 500 V | 250 V | 1250 A | 90 W | 100 mm | 1 | 2.58 kg |
| NH4AGG50V1600 | Y1054295 | 500 V | 250 V | 1600 A | 127 W | 100 mm | 1 | 2.58 kg |

NH fuse-links gG 500VAC
top indicator/live gripping-lugs size 4, 4a

PRODUCT RANGE



NH4GG50V1250-8

Size 4 gG 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|--------|---------|---------|
| NH4GG50V630-8 | X1034514 | 500 V | 250 V | 630 A | 38 W | 100 mm | 1 | 2.59 kg |
| NH4GG50V800-8 | Y1034515 | 500 V | 250 V | 800 A | 56 W | 100 mm | 1 | 2.59 kg |
| NH4GG50V1000-8 | Z1034516 | 500 V | 250 V | 1000 A | 65 W | 100 mm | 1 | 2.59 kg |
| NH4GG50V1250-8 | A1034517 | 500 V | 250 V | 1250 A | 61 W | 100 mm | 1 | 2.59 kg |



NH4AGG50V1600-8

Size 4a gG 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|-----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|-------|---------|---------|
| NH4AGG50V400-8 | B1034518 | 500 V | 250 V | 400 A | 31 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V500-8 | C1034519 | 500 V | 250 V | 500 A | 45 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V630-8 | D1034520 | 500 V | 250 V | 630 A | 47 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V800-8 | F1034522 | 500 V | 250 V | 800 A | 67 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V1000-8 | H1034524 | 500 V | 250 V | 1000 A | 69 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V1250-8 | J1034525 | 500 V | 250 V | 1250 A | 84 W | 98 mm | 1 | 2.59 kg |
| NH4AGG50V1600-8 | K1034526 | 500 V | 250 V | 1600 A | 106 W | 98 mm | 1 | 2.59 kg |

NH fuse-links gG 690VAC
double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

PRODUCT RANGE



NH000GG69V2

Size 000 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH000GG69V2 | E228440 | 690 V | 250 V | 2 A | 1.9 W | 3 | 0.13 kg |
| NH000GG69V4 | F228441 | 690 V | 250 V | 4 A | 1.5 W | 3 | 0.13 kg |
| NH000GG69V6 | G228442 | 690 V | 250 V | 6 A | 1.6 W | 3 | 0.13 kg |
| NH000GG69V10 | J228444 | 690 V | 250 V | 10 A | 1.1 W | 3 | 0.13 kg |
| NH000GG69V16 | K228445 | 690 V | 250 V | 16 A | 1.8 W | 3 | 0.13 kg |
| NH000GG69V20 | L228446 | 690 V | 250 V | 20 A | 2.3 W | 3 | 0.13 kg |
| NH000GG69V25 | M228447 | 690 V | 250 V | 25 A | 2.4 W | 3 | 0.13 kg |
| NH000GG69V32 | N228448 | 690 V | 250 V | 32 A | 3.1 W | 3 | 0.13 kg |
| NH000GG69V35 | P228449 | 690 V | 250 V | 35 A | 3 W | 3 | 0.13 kg |
| NH000GG69V40 | Q228450 | 690 V | 250 V | 40 A | 3.7 W | 3 | 0.13 kg |
| NH000GG69V50 | R228451 | 690 V | 250 V | 50 A | 4.1 W | 3 | 0.13 kg |
| NH000GG69V63 | S228452 | 690 V | 250 V | 63 A | 5.4 W | 3 | 0.13 kg |
| NH000GG69V80 | T228453 | 690 V | 250 V | 80 A | 6.5 W | 3 | 0.13 kg |

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NH fuse-links gG 690VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3



NH00GG69V32

Size 00 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|--------|
| NH00GG69V32 | V228454 | 690 V | 250 V | 32 A | 3.1 W | 3 | 0.2 kg |
| NH00GG69V35 | W228455 | 690 V | 250 V | 35 A | 3 W | 3 | 0.2 kg |
| NH00GG69V40 | X228456 | 690 V | 250 V | 40 A | 3.7 W | 3 | 0.2 kg |
| NH00GG69V50 | Y228457 | 690 V | 250 V | 50 A | 4.1 W | 3 | 0.2 kg |
| NH00GG69V63 | Z228458 | 690 V | 250 V | 63 A | 5.6 W | 3 | 0.2 kg |
| NH00GG69V80 | A228459 | 690 V | 250 V | 80 A | 6.8 W | 3 | 0.2 kg |
| NH00GG69V100 | B228460 | 690 V | 250 V | 100 A | 7.5 W | 3 | 0.2 kg |
| NH00GG69V125 | C228461 | 690 V | 250 V | 125 A | 10 W | 3 | 0.2 kg |



NH0GG69V160

Size 0 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH0GG69V6 | D228462 | 690 V | 400 V | 6 A | 1.6 W | 3 | 0.27 kg |
| NH0GG69V10 | E228463 | 690 V | 400 V | 10 A | 1.1 W | 3 | 0.27 kg |
| NH0GG69V16 | F228464 | 690 V | 400 V | 16 A | 1.8 W | 3 | 0.27 kg |
| NH0GG69V20 | G228465 | 690 V | 400 V | 20 A | 2.3 W | 3 | 0.27 kg |
| NH0GG69V25 | H228466 | 690 V | 400 V | 25 A | 2.4 W | 3 | 0.27 kg |
| NH0GG69V32 | J228467 | 690 V | 400 V | 32 A | 3.1 W | 3 | 0.27 kg |
| NH0GG69V35 | K228468 | 690 V | 400 V | 35 A | 3 W | 3 | 0.27 kg |
| NH0GG69V40 | L228469 | 690 V | 400 V | 40 A | 3.7 W | 3 | 0.27 kg |
| NH0GG69V50 | M228470 | 690 V | 400 V | 50 A | 4.1 W | 3 | 0.27 kg |
| NH0GG69V63 | N228471 | 690 V | 400 V | 63 A | 6.6 W | 3 | 0.27 kg |
| NH0GG69V80 | P228472 | 690 V | 400 V | 80 A | 8 W | 3 | 0.27 kg |
| NH0GG69V100 | Q228473 | 690 V | 400 V | 100 A | 9.4 W | 3 | 0.27 kg |
| NH0GG69V125 | R228474 | 690 V | 400 V | 125 A | 11.8 W | 3 | 0.27 kg |
| NH0GG69V160 | S228475 | 690 V | 400 V | 160 A | 14.6 W | 3 | 0.27 kg |



NH1GG69V200

Size 1 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH1GG69V16 | T228476 | 690 V | 400 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V20 | V228477 | 690 V | 400 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V25 | W228478 | 690 V | 400 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V32 | X228479 | 690 V | 400 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V35 | Y228480 | 690 V | 400 V | 35 A | 3 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V40 | Z228481 | 690 V | 400 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V50 | A228482 | 690 V | 400 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V63 | B228483 | 690 V | 400 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V80 | C228484 | 690 V | 400 V | 80 A | 8 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V100 | D228485 | 690 V | 400 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.27 kg |
| NH1GG69V125 | E228486 | 690 V | 400 V | 125 A | 11.8 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V160 | F228487 | 690 V | 400 V | 160 A | 14.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V200 | G228488 | 690 V | 400 V | 200 A | 18 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V224 | V233261 | 690 V | 400 V | 224 A | 19 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG69V250 | W233262 | 690 V | 400 V | 250 A | 20 W | 39.5 mm | 3 | 0.42 kg |

NH fuse-links gG 690VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3



NH2GG69V32

Size 2 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH2GG69V32 | H228489 | 690 V | 250 V | 32 A | 3.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V35 | J228490 | 690 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V40 | K228491 | 690 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V50 | L228492 | 690 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V63 | M228493 | 690 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V80 | N228494 | 690 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V100 | P228495 | 690 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V125 | Q228496 | 690 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V160 | R228497 | 690 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V200 | S228498 | 690 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V224 | T228499 | 690 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V250 | V228500 | 690 V | 250 V | 250 A | 20.6 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG69V300 | W228501 | 690 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V315 | X228502 | 690 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V355 | Y228503 | 690 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |



NH3GG69V500

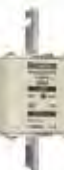
Size 3 gG 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|-------|---------|---------|
| NH3GG69V250 | Z228504 | 690 V | 250 V | 250 A | 21.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V300 | A228505 | 690 V | 250 V | 300 A | 22.6 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V315 | B228506 | 690 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V355 | C228507 | 690 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V400 | D228508 | 690 V | 250 V | 400 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG69V425 | E228509 | 690 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG69V500 | F228510 | 690 V | 250 V | 500 A | 43 W | 70 mm | 1 | 1.05 kg |

NH fuse-links gG 690VAC

PRODUCT RANGE

middle indicator/live gripping-lugs size 4, 4a



NH4GG69V400

Size 4 gG 690VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|--------|---------|--------|
| NH4GG69V400 | Z1054296 | 690 V | 250 V | 400 A | 31.5 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V500 | A1054297 | 690 V | 250 V | 500 A | 38 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V630 | B1054298 | 690 V | 250 V | 630 A | 46 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V800 | C1054299 | 690 V | 250 V | 800 A | 62 W | 100 mm | 1 | 2.1 kg |



NH4AGG69V500

Size 4a gG 690VAC middle indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|--------|---------|---------|
| NH4AGG69V500 | D1054300 | 690 V | 250 V | 500 A | 42.5 W | 100 mm | 1 | 2.58 kg |
| NH4AGG69V630 | E1054301 | 690 V | 250 V | 630 A | 53 W | 100 mm | 1 | 2.58 kg |
| NH4AGG69V800 | G1054303 | 690 V | 250 V | 800 A | 65 W | 100 mm | 1 | 2.58 kg |
| NH4AGG69V1000 | H1054304 | 690 V | 250 V | 1000 A | 78 W | 100 mm | 1 | 2.58 kg |

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NH fuse-links gG 690VAC

top indicator/live gripping-lugs size 4 and 4a

PRODUCT RANGE

Size 4 gG 690VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Power dissipation at I_n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|----------------------------|--------|---------|--------|
| NH4GG69V400-8 | N214004 | 690 V | 250 kV | 400 A | 32 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V500-8 | Y215025 | 690 V | 250 V | 500 A | 40 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V630-8 | E215537 | 690 V | 250 V | 630 A | 53 W | 100 mm | 1 | 2.1 kg |
| NH4GG69V800-8 | K216554 | 690 V | 250 V | 800 A | 68 W | 100 mm | 1 | 2.1 kg |

Size 4a gG 690VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Power dissipation at I_n | Width | Package | Weight |
|-----------------|-------------|------------------------|------------------------|---------------------|----------------------------|-------|---------|---------|
| NH4AGG69V630-8 | T1034511 | 690 V | 250 V | 630 A | 47 W | 98 mm | 1 | 2.58 kg |
| NH4AGG69V800-8 | V1034512 | 690 V | 250 V | 800 A | 67 W | 98 mm | 1 | 2.58 kg |
| NH4AGG69V1000-8 | W1034513 | 690 V | 250 V | 1000 A | 73 W | 98 mm | 1 | 2.58 kg |



NH4AGG69V1000-8

NH fuse-links gG 400VAC

double indicator/isolated gripping-lugs size 000, 00, 1, 2, 3

PRODUCT RANGE

Size 000 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I_n | Power dissipation at I_n | Width | Package | Weight |
|-----------------|-------------|------------------------|---------------------|----------------------------|---------|---------|---------|
| NH000GG40V2-1 | P223688 | 400 V | 2 A | 0.7 W | 20.8 mm | 3 | 0.12 kg |
| NH000GG40V6-1 | R223690 | 400 V | 6 A | 1.3 W | 20.8 mm | 3 | 0.12 kg |
| NH000GG40V16-1 | T223692 | 400 V | 16 A | 1.6 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V20-1 | V223693 | 400 V | 20 A | 1.9 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V25-1 | W223694 | 400 V | 25 A | 2.2 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V32-1 | X223695 | 400 V | 32 A | 2.7 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V35-1 | Y223696 | 400 V | 35 A | 3.1 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V40-1 | Z223697 | 400 V | 40 A | 3.5 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V50-1 | A223698 | 400 V | 50 A | 3.9 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V63-1 | B223699 | 400 V | 63 A | 5.2 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V80-1 | C223700 | 400 V | 80 A | 5.3 W | 20.8 mm | 9 | 0.12 kg |
| NH000GG40V100-1 | D223701 | 400 V | 100 A | 5.7 W | 20.8 mm | 9 | 0.12 kg |



NH000GG40V100-1

Size 00 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I_n | Power dissipation at I_n | Width | Package | Weight |
|----------------|-------------|------------------------|---------------------|----------------------------|---------|---------|--------|
| NH00GG40V125-1 | G223704 | 400 V | 125 A | 7.4 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG40V160-1 | H223705 | 400 V | 160 A | 8.3 W | 29.5 mm | 3 | 0.2 kg |



NH00GG40V125-1

NH fuse-links gG 400VAC

PRODUCT RANGE

double indicator/isolated gripping-lugs size 000, 00, 1, 2, 3



NH1GG40V250-1

Size 1 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH1GG40V35-1 | V223716 | 400 V | 35 A | 4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V50-1 | W223717 | 400 V | 50 A | 5.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V63-1 | X223718 | 400 V | 63 A | 6.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V80-1 | Y223719 | 400 V | 80 A | 6.2 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V100-1 | Z223720 | 400 V | 100 A | 8.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V125-1 | A223721 | 400 V | 125 A | 9.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG40V160-1 | B223722 | 400 V | 160 A | 12.4 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG40V200-1 | C223723 | 400 V | 200 A | 14.4 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG40V224-1 | D223724 | 400 V | 224 A | 15.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG40V250-1 | E223725 | 400 V | 250 A | 17.6 W | 39.5 mm | 3 | 0.42 kg |



NH2GG40V315-1

Size 2 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH2GG40V35-1 | L227250 | 400 V | 35 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V63-1 | N227252 | 400 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V80-1 | X223741 | 400 V | 80 A | 6.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V100-1 | Y223742 | 400 V | 100 A | 8.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V125-1 | Z223743 | 400 V | 125 A | 10.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V160-1 | A223744 | 400 V | 160 A | 10.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V200-1 | B223745 | 400 V | 200 A | 15.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V224-1 | C223746 | 400 V | 224 A | 14.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V250-1 | D223747 | 400 V | 250 A | 17.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG40V315-1 | E223748 | 400 V | 315 A | 20.1 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V355-1 | F223749 | 400 V | 355 A | 22.6 W | 51 mm | 3 | 0.64 kg |
| NH2GG40V400-1 | G223750 | 400 V | 400 A | 25.4 W | 51 mm | 3 | 0.64 kg |



NH3GG40V500-1

Size 3 gG 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|-------|---------|---------|
| NH3GG40V250-1 | H223751 | 400 V | 250 A | 15.4 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V315-1 | J223752 | 400 V | 315 A | 19.8 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V400-1 | K223753 | 400 V | 400 A | 25.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG40V500-1 | L223754 | 400 V | 500 A | 31.1 W | 70 mm | 1 | 1.05 kg |
| NH3GG40V630-1 | M223755 | 400 V | 630 A | 39 W | 70 mm | 1 | 1.05 kg |

NH fuse-links gG 500VAC

PRODUCT RANGE

double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3



NH000GG50V100-1

Size 000 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|-----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH000GG50V2-1 | C219652 | 500 V | 250 V | 2 A | 1.9 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V4-1 | N205770 | 500 V | 250 V | 4 A | 1.5 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V6-1 | P212464 | 500 V | 250 V | 6 A | 1.6 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V10-1 | V215528 | 500 V | 250 V | 10 A | 1.1 W | 20.8 mm | 3 | 0.13 kg |
| NH000GG50V16-1 | F213997 | 500 V | 250 V | 16 A | 1.8 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V20-1 | F218091 | 500 V | 250 V | 20 A | 2.3 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V25-1 | K200638 | 500 V | 250 V | 25 A | 2.4 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V32-1 | D213489 | 500 V | 250 V | 32 A | 3.1 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V35-1 | G201187 | 500 V | 250 V | 35 A | 3 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V40-1 | D219653 | 500 V | 250 V | 40 A | 3.7 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V50-1 | C222849 | 500 V | 250 V | 50 A | 4.1 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V63-1 | R212466 | 500 V | 250 V | 63 A | 5.4 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V80-1 | N215016 | 500 V | 250 V | 80 A | 6.5 W | 20.8 mm | 9 | 0.13 kg |
| NH000GG50V100-1 | J201189 | 500 V | 250 V | 100 A | 7.5 W | 20.8 mm | 9 | 0.13 kg |



NH00GG50V160-1

Size 00 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|--------|
| NH00GG50V125-1 | V200808 | 500 V | 250 V | 125 A | 10 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG50V160-1 | W201867 | 500 V | 250 V | 160 A | 12.3 W | 29.5 mm | 3 | 0.2 kg |



NH0GG50V160-1

Size 0 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH0GG50V6-1 | B212636 | 500 V | 250 V | 6 A | 1.6 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V10-1 | M213152 | 500 V | 250 V | 10 A | 1.1 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V16-1 | E213651 | 500 V | 250 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V20-1 | L214163 | 500 V | 250 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V25-1 | P214672 | 500 V | 250 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V32-1 | V215183 | 500 V | 250 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V35-1 | W215690 | 500 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V40-1 | C216202 | 500 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V50-1 | A216706 | 500 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V63-1 | N217224 | 500 V | 250 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V80-1 | T217735 | 500 V | 250 V | 80 A | 8 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V100-1 | D218250 | 500 V | 250 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V125-1 | S218769 | 500 V | 250 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.23 kg |
| NH0GG50V160-1 | F219287 | 500 V | 250 V | 160 A | 14.6 W | 29.5 mm | 3 | 0.23 kg |

NH fuse-links gG 500VAC

PRODUCT RANGE

double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3



NH1GG50V16-1

Size 1 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH1GG50V16-1 | H219818 | 500 V | 250 V | 16 A | 1.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V20-1 | T222496 | 500 V | 250 V | 20 A | 2.3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V25-1 | K223017 | 500 V | 250 V | 25 A | 2.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V32-1 | R200805 | 500 V | 250 V | 32 A | 3.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V35-1 | G201348 | 500 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V40-1 | Q211085 | 500 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V50-1 | L212116 | 500 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V63-1 | N213153 | 500 V | 250 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V80-1 | M214164 | 500 V | 250 V | 80 A | 8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V100-1 | W215184 | 500 V | 250 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V125-1 | T236043 | 500 V | 250 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.28 kg |
| NH1GG50V160-1 | B216707 | 500 V | 250 V | 160 A | 14.6 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V200-1 | P217225 | 500 V | 250 V | 200 A | 18 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V224-1 | V217736 | 500 V | 250 V | 224 A | 19 W | 39.5 mm | 3 | 0.42 kg |
| NH1GG50V250-1 | E218251 | 500 V | 250 V | 250 A | 20 W | 39.5 mm | 3 | 0.42 kg |



NH2GG50V250-1

Size 2 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH2GG50V25-1 | J219819 | 500 V | 250 V | 25 A | 2.4 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V35-1 | L223018 | 500 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V40-1 | S200806 | 500 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V50-1 | H201349 | 500 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V63-1 | T201865 | 500 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V80-1 | F211605 | 500 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V100-1 | P213154 | 500 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V125-1 | N214165 | 500 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V160-1 | X215185 | 500 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V200-1 | E216204 | 500 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V224-1 | Q217226 | 500 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V250-1 | F218252 | 500 V | 250 V | 250 A | 20.6 W | 39.5 mm | 3 | 0.42 kg |
| NH2GG50V300-1 | H219289 | 500 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V315-1 | K219820 | 500 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V355-1 | M223019 | 500 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |
| NH2GG50V400-1 | T200807 | 500 V | 250 V | 400 A | 28.5 W | 51 mm | 3 | 0.64 kg |



NH3GG50V630-1

Size 3 gG 500VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|-------|---------|---------|
| NH3GG50V250-1 | J201350 | 500 V | 250 V | 250 A | 21.1 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V300-1 | S211087 | 500 V | 250 V | 300 A | 20 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V315-1 | G211606 | 500 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V355-1 | E212639 | 500 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V400-1 | H213654 | 500 V | 250 V | 400 A | 34 W | 51 mm | 1 | 0.65 kg |
| NH3GG50V425-1 | S214675 | 500 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V450-1 | Z215693 | 500 V | 250 V | 450 A | 38 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V500-1 | F216205 | 500 V | 250 V | 500 A | 43 W | 70 mm | 1 | 1.05 kg |
| NH3GG50V630-1 | D216709 | 500 V | 250 V | 630 A | 43.1 W | 70 mm | 1 | 1.05 kg |

NH fuse-links gG 690VAC

PRODUCT RANGE

double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3



NH000GG69V2-1

Size 000 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH000GG69V2-1 | D229704 | 690 V | 250 V | 2 A | 1.9 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V4-1 | E229705 | 690 V | 250 V | 4 A | 1.5 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V6-1 | F229706 | 690 V | 250 V | 6 A | 1.6 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V10-1 | H229708 | 690 V | 250 V | 10 A | 1.1 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V16-1 | J229709 | 690 V | 250 V | 16 A | 1.8 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V20-1 | K229710 | 690 V | 250 V | 20 A | 2.3 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V25-1 | L229711 | 690 V | 250 V | 25 A | 2.4 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V32-1 | M229712 | 690 V | 250 V | 32 A | 3.1 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V35-1 | N229713 | 690 V | 250 V | 35 A | 3 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V40-1 | P229714 | 690 V | 250 V | 40 A | 3.7 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V50-1 | Q229715 | 690 V | 250 V | 50 A | 4.1 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V63-1 | R229716 | 690 V | 250 V | 63 A | 5.4 W | 20.8 mm | 3 | 0.14 kg |
| NH000GG69V80-1 | S229717 | 690 V | 250 V | 80 A | 6.5 W | 20.8 mm | 3 | 0.14 kg |



NH00GG69V125-1

Size 00 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|--------|
| NH00GG69V35-1 | V229719 | 690 V | 250 V | 35 A | 3 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V40-1 | W229720 | 690 V | 250 V | 40 A | 3.7 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V50-1 | X229721 | 690 V | 250 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V63-1 | Y229722 | 690 V | 250 V | 63 A | 5.6 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V80-1 | Z229723 | 690 V | 250 V | 80 A | 6.8 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V100-1 | A229724 | 690 V | 250 V | 100 A | 7.5 W | 29.5 mm | 3 | 0.2 kg |
| NH00GG69V125-1 | B229725 | 690 V | 250 V | 125 A | 10 W | 29.5 mm | 3 | 0.2 kg |



NH0GG69V50-1

Size 0 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH0GG69V50-1 | L229734 | 690 V | 400 V | 50 A | 4.1 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V63-1 | M229735 | 690 V | 400 V | 63 A | 6.6 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V80-1 | N229736 | 690 V | 400 V | 80 A | 8 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V100-1 | P229737 | 690 V | 400 V | 100 A | 9.4 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V125-1 | Q229738 | 690 V | 400 V | 125 A | 11.8 W | 29.5 mm | 3 | 0.25 kg |
| NH0GG69V160-1 | R229739 | 690 V | 400 V | 160 A | 14.6 W | 29.5 mm | 3 | 0.25 kg |



NH1GG69V16-1

Size 1 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH1GG69V16-1 | S229740 | 690 V | 400 V | 16 A | 1.8 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V25-1 | V229742 | 690 V | 400 V | 25 A | 2.4 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V32-1 | W229743 | 690 V | 400 V | 32 A | 3.1 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V35-1 | X229744 | 690 V | 400 V | 35 A | 3 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V40-1 | Y229745 | 690 V | 400 V | 40 A | 3.7 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V50-1 | Z229746 | 690 V | 400 V | 50 A | 4.1 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V63-1 | A229747 | 690 V | 400 V | 63 A | 6.6 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V80-1 | B229748 | 690 V | 400 V | 80 A | 8 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V100-1 | C229749 | 690 V | 400 V | 100 A | 9.4 W | 29.5 mm | 1 | 0.29 kg |
| NH1GG69V125-1 | D229750 | 690 V | 400 V | 125 A | 11.8 W | 39.5 mm | 1 | 0.42 kg |
| NH1GG69V160-1 | E229751 | 690 V | 400 V | 160 A | 14.6 W | 39.5 mm | 1 | 0.42 kg |
| NH1GG69V200-1 | F229752 | 690 V | 400 V | 200 A | 18 W | 39.5 mm | 1 | 0.42 kg |
| NH1GG69V224-1 | G229753 | 690 V | 400 V | 224 A | 19 W | 39.5 mm | 1 | 0.42 kg |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

NH-SYSTEM

NH fuse-links gG 690VAC

PRODUCT RANGE

double indicator/isolated gripping-lugs size 000, 00, 0, 1, 2, 3



NH2GG69V250-1

Size 2 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|---------|---------|---------|
| NH2GG69V32-1 | J229755 | 690 V | 250 V | 32 A | 3.1 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V35-1 | K229756 | 690 V | 250 V | 35 A | 3 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V40-1 | L229757 | 690 V | 250 V | 40 A | 3.7 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V50-1 | M229758 | 690 V | 250 V | 50 A | 4.1 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V63-1 | N229759 | 690 V | 250 V | 63 A | 6.8 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V80-1 | P229760 | 690 V | 250 V | 80 A | 8.3 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V100-1 | Q229761 | 690 V | 250 V | 100 A | 10.7 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V125-1 | R229762 | 690 V | 250 V | 125 A | 12.2 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V160-1 | S229763 | 690 V | 250 V | 160 A | 15 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V200-1 | T229764 | 690 V | 250 V | 200 A | 18.5 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V224-1 | V229765 | 690 V | 250 V | 224 A | 19.2 W | 39.5 mm | 3 | 0.43 kg |
| NH2GG69V250-1 | D233729 | 690 V | 250 V | 250 A | 20.6 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V300-1 | X229767 | 690 V | 250 V | 300 A | 21 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V315-1 | Y229768 | 690 V | 250 V | 315 A | 25 W | 51 mm | 3 | 0.64 kg |
| NH2GG69V355-1 | Z229769 | 690 V | 250 V | 355 A | 31.5 W | 51 mm | 3 | 0.64 kg |



NH3GG69V315-1

Size 3 gG 690VAC isolated gripping-lugs

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Power dissipation at I _n | Width | Package | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-------------------------------------|-------|---------|---------|
| NH3GG69V315-1 | C229772 | 690 V | 250 V | 315 A | 25 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V355-1 | D229773 | 690 V | 250 V | 355 A | 32 W | 51 mm | 1 | 0.65 kg |
| NH3GG69V400-1 | E229774 | 690 V | 250 V | 400 A | 34 W | 70 mm | 1 | 1.05 kg |
| NH3GG69V425-1 | F229775 | 690 V | 250 V | 425 A | 34 W | 70 mm | 1 | 1.05 kg |

NH fuse-links aM 500VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3



NH000AM50V63

Size 000 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH000AM50V2 | K232493 | 500 V | 2 A | 0.1 W | 2 | 0.13 kg |
| NH000AM50V4 | L232494 | 500 V | 4 A | 0.2 W | 2 | 0.13 kg |
| NH000AM50V6 | M232495 | 500 V | 6 A | 0.3 W | 2 | 0.13 kg |
| NH000AM50V10 | N232496 | 500 V | 10 A | 0.5 W | 2 | 0.13 kg |
| NH000AM50V16 | P232497 | 500 V | 16 A | 0.7 W | 2 | 0.13 kg |
| NH000AM50V20 | Q232498 | 500 V | 20 A | 0.9 W | 2 | 0.13 kg |
| NH000AM50V25 | R232499 | 500 V | 25 A | 1.2 W | 2 | 0.13 kg |
| NH000AM50V32 | S232500 | 500 V | 32 A | 1.5 W | 2 | 0.13 kg |
| NH000AM50V35 | T232501 | 500 V | 35 A | 1.6 W | 2 | 0.13 kg |
| NH000AM50V40 | V232502 | 500 V | 40 A | 1.8 W | 2 | 0.13 kg |
| NH000AM50V50 | W232503 | 500 V | 50 A | 2.3 W | 2 | 0.13 kg |
| NH000AM50V63 | X232504 | 500 V | 63 A | 2.9 W | 2 | 0.13 kg |
| NH000AM50V80 | C227863 | 500 V | 80 A | 3.6 W | 2 | 0.13 kg |



NH00AM50V100

Size 00 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|--------|
| NH00AM50V100 | Y232505 | 500 V | 100 A | 5.8 W | 2 | 0.2 kg |
| NH00AM50V125 | Z232506 | 500 V | 125 A | 6.4 W | 2 | 0.2 kg |
| NH00AM50V160 | J227869 | 500 V | 160 A | 7.9 W | 2 | 0.2 kg |

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NH fuse-links aM 500VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3



NH0AM50V100

Size 0 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH0AM50V100 | A232507 | 500 V | 100 A | 6 W | 2 | 0.26 kg |
| NH0AM50V125 | B232508 | 500 V | 125 A | 7.9 W | 2 | 0.26 kg |
| NH0AM50V160 | C232509 | 500 V | 160 A | 10.5 W | 2 | 0.26 kg |
| NH0AM50V200 | A227884 | 500 V | 200 A | 11.8 W | 2 | 0.26 kg |



NH1AM50V200

Size 1 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH1AM50V100 | D232510 | 500 V | 100 A | 5.8 W | 2 | 0.42 kg |
| NH1AM50V125 | E232511 | 500 V | 125 A | 7.5 W | 2 | 0.42 kg |
| NH1AM50V160 | F232512 | 500 V | 160 A | 10.4 W | 2 | 0.42 kg |
| NH1AM50V200 | G232513 | 500 V | 200 A | 14.2 W | 2 | 0.42 kg |
| NH1AM50V224 | H232514 | 500 V | 224 A | 15.8 W | 2 | 0.42 kg |
| NH1AM50V315 | K227962 | 500 V | 315 A | 22.1 W | 2 | 0.42 kg |



NH2AM50V250

Size 2 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH2AM50V250 | K232516 | 500 V | 250 A | 16.8 W | 2 | 0.64 kg |
| NH2AM50V315 | L232517 | 500 V | 315 A | 23.1 W | 2 | 0.64 kg |
| NH2AM50V355 | M232518 | 500 V | 355 A | 26.4 W | 2 | 0.64 kg |
| NH2AM50V400 | N232519 | 500 V | 400 A | 29.7 W | 2 | 0.64 kg |



NH3AM50V630

Size 3 aM 500VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH3AM50V315 | P232520 | 500 V | 315 A | 21 W | 1 | 1.05 kg |
| NH3AM50V355 | Q232521 | 500 V | 355 A | 23.3 W | 1 | 1.05 kg |
| NH3AM50V400 | R232522 | 500 V | 400 A | 29.1 W | 1 | 1.05 kg |
| NH3AM50V425 | S232523 | 500 V | 425 A | 29.1 W | 1 | 1.05 kg |
| NH3AM50V450 | T232524 | 500 V | 450 A | 34 W | 1 | 1.05 kg |
| NH3AM50V500 | V232525 | 500 V | 500 A | 42 W | 1 | 1.05 kg |
| NH3AM50V630 | M227987 | 500 V | 630 A | 42 W | 1 | 1.05 kg |

NH fuse-links aM 500VAC

PRODUCT RANGE

top indicator/live gripping-lugs size 4, 4a



NH4AM50V630-8

Size 4 aM 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH4AM50V400-8 | P233555 | 500 V | 400 A | 26 W | 1 | 2.18 kg |
| NH4AM50V500-8 | Q233556 | 500 V | 500 A | 38 W | 1 | 2.18 kg |
| NH4AM50V630-8 | E222115 | 500 V | 630 A | 50 W | 1 | 2.18 kg |
| NH4AM50V800-8 | V222865 | 500 V | 800 A | 65 W | 1 | 2.18 kg |
| NH4AM50V1000-8 | S219137 | 500 V | 1000 A | 80 W | 1 | 2.18 kg |
| NH4AM50V1250-8 | V219668 | 500 V | 1250 A | 110 W | 1 | 2.18 kg |

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NH fuse-links aM 500VAC

top indicator/live gripping-lugs size 4, 4a

PRODUCT RANGE



NH4AAM50V630-8

Size 4a aM 500VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|--------|
| NH4AAM50V500-8 | R233557 | 500 V | 500 A | 38 W | 1 | 2.2 kg |
| NH4AAM50V630-8 | S233558 | 500 V | 630 A | 50 W | 1 | 2.2 kg |
| NH4AAM50V800-8 | T233559 | 500 V | 800 A | 65 W | 1 | 2.2 kg |
| NH4AAM50V1000-8 | V233560 | 500 V | 1000 A | 80 W | 1 | 2.2 kg |
| NH4AAM50V1250-8 | W233561 | 500 V | 1250 A | 110 W | 1 | 2.2 kg |

NH fuse-links aM 690VAC

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3

PRODUCT RANGE



NH000AM69V10

Size 000 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH000AM69V2 | P227851 | 690 V | 2 A | 0.1 W | 3 | 0.13 kg |
| NH000AM69V4 | Q227852 | 690 V | 4 A | 0.2 W | 3 | 0.13 kg |
| NH000AM69V6 | R227853 | 690 V | 6 A | 0.3 W | 3 | 0.13 kg |
| NH000AM69V10 | S227854 | 690 V | 10 A | 0.5 W | 3 | 0.13 kg |
| NH000AM69V16 | T227855 | 690 V | 16 A | 0.7 W | 3 | 0.13 kg |
| NH000AM69V20 | V227856 | 690 V | 20 A | 0.9 W | 3 | 0.13 kg |
| NH000AM69V25 | W227857 | 690 V | 25 A | 1.2 W | 3 | 0.13 kg |
| NH000AM69V32 | X227858 | 690 V | 32 A | 1.5 W | 3 | 0.13 kg |
| NH000AM69V35 | Y227859 | 690 V | 35 A | 1.6 W | 3 | 0.13 kg |
| NH000AM69V40 | Z227860 | 690 V | 40 A | 1.8 W | 3 | 0.13 kg |
| NH000AM69V50 | A227861 | 690 V | 50 A | 2.3 W | 3 | 0.13 kg |
| NH000AM69V63 | B227862 | 690 V | 63 A | 2.9 W | 3 | 0.13 kg |



NH00AM69V125

Size 00 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|--------|
| NH00AM69V50 | D227864 | 690 V | 50 A | 2.3 W | 3 | 0.2 kg |
| NH00AM69V63 | E227865 | 690 V | 63 A | 2.9 W | 3 | 0.2 kg |
| NH00AM69V80 | F227866 | 690 V | 80 A | 3.6 W | 3 | 0.2 kg |
| NH00AM69V100 | G227867 | 690 V | 100 A | 5.2 W | 3 | 0.2 kg |
| NH00AM69V125 | H227868 | 690 V | 125 A | 6.4 W | 3 | 0.2 kg |



NH0AM69V160

Size 0 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH0AM69V10 | L227871 | 690 V | 10 A | 0.5 W | 3 | 0.26 kg |
| NH0AM69V16 | M227872 | 690 V | 16 A | 0.8 W | 3 | 0.26 kg |
| NH0AM69V20 | N227873 | 690 V | 20 A | 1 W | 3 | 0.26 kg |
| NH0AM69V25 | P227874 | 690 V | 25 A | 1.3 W | 3 | 0.26 kg |
| NH0AM69V32 | Q227875 | 690 V | 32 A | 1.6 W | 3 | 0.26 kg |
| NH0AM69V35 | R227876 | 690 V | 35 A | 1.7 W | 3 | 0.26 kg |
| NH0AM69V40 | S227877 | 690 V | 40 A | 2 W | 3 | 0.26 kg |
| NH0AM69V50 | T227878 | 690 V | 50 A | 2.8 W | 3 | 0.26 kg |
| NH0AM69V63 | V227879 | 690 V | 63 A | 3.4 W | 3 | 0.26 kg |
| NH0AM69V80 | W227880 | 690 V | 80 A | 4.9 W | 3 | 0.26 kg |
| NH0AM69V100 | X227881 | 690 V | 100 A | 6 W | 3 | 0.26 kg |
| NH0AM69V125 | Y227882 | 690 V | 125 A | 7.9 W | 3 | 0.26 kg |
| NH0AM69V160 | Z227883 | 690 V | 160 A | 10.5 W | 3 | 0.26 kg |

NH fuse-links aM 690VAC

PRODUCT RANGE

double indicator/live gripping-lugs size 000, 00, 0, 1, 2, 3



NH1AM69V250

Size 1 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH1AM69V16 | B227885 | 690 V | 16 A | 1 W | 3 | 0.43 kg |
| NH1AM69V20 | C227886 | 690 V | 20 A | 1.2 W | 3 | 0.43 kg |
| NH1AM69V25 | D227887 | 690 V | 25 A | 1.4 W | 3 | 0.43 kg |
| NH1AM69V32 | E227888 | 690 V | 32 A | 1.9 W | 3 | 0.43 kg |
| NH1AM69V35 | F227889 | 690 V | 35 A | 2 W | 3 | 0.43 kg |
| NH1AM69V40 | G227890 | 690 V | 40 A | 2.3 W | 3 | 0.43 kg |
| NH1AM69V50 | H227891 | 690 V | 50 A | 2.9 W | 3 | 0.43 kg |
| NH1AM69V63 | J227892 | 690 V | 63 A | 3.6 W | 3 | 0.43 kg |
| NH1AM69V80 | K227893 | 690 V | 80 A | 4.6 W | 3 | 0.43 kg |
| NH1AM69V100 | L227894 | 690 V | 100 A | 5.8 W | 3 | 0.43 kg |
| NH1AM69V125 | M227895 | 690 V | 125 A | 7.5 W | 3 | 0.43 kg |
| NH1AM69V160 | N227896 | 690 V | 160 A | 10.4 W | 3 | 0.43 kg |
| NH1AM69V200 | P227897 | 690 V | 200 A | 14.2 W | 3 | 0.43 kg |
| NH1AM69V224 | Q227898 | 690 V | 224 A | 15.8 W | 3 | 0.43 kg |
| NH1AM69V250 | R227899 | 690 V | 250 A | 17.5 W | 3 | 0.43 kg |



NH2AM69V400

Size 2 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH2AM69V35 | L227963 | 690 V | 35 A | 1.8 W | 3 | 0.64 kg |
| NH2AM69V40 | M227964 | 690 V | 40 A | 2.1 W | 3 | 0.64 kg |
| NH2AM69V50 | N227965 | 690 V | 50 A | 2.7 W | 3 | 0.64 kg |
| NH2AM69V63 | P227966 | 690 V | 63 A | 3.4 W | 3 | 0.64 kg |
| NH2AM69V80 | Q227967 | 690 V | 80 A | 4.4 W | 3 | 0.64 kg |
| NH2AM69V100 | R227968 | 690 V | 100 A | 5.5 W | 3 | 0.64 kg |
| NH2AM69V125 | S227969 | 690 V | 125 A | 6.4 W | 3 | 0.64 kg |
| NH2AM69V160 | T227970 | 690 V | 160 A | 9.3 W | 3 | 0.64 kg |
| NH2AM69V200 | V227971 | 690 V | 200 A | 11.3 W | 3 | 0.64 kg |
| NH2AM69V224 | W227972 | 690 V | 224 A | 12.2 W | 3 | 0.64 kg |
| NH2AM69V250 | X227973 | 690 V | 250 A | 16.8 W | 3 | 0.64 kg |
| NH2AM69V300 | Y227974 | 690 V | 300 A | 21 W | 3 | 0.64 kg |
| NH2AM69V315 | Z227975 | 690 V | 315 A | 23.1 W | 3 | 0.64 kg |
| NH2AM69V355 | A227976 | 690 V | 355 A | 26.4 W | 3 | 0.64 kg |
| NH2AM69V400 | B227977 | 690 V | 400 A | 29.7 W | 3 | 0.64 kg |



NH3AM69V500

Size 3 aM 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|---------|
| NH3AM69V250 | D227979 | 690 V | 250 A | 14.6 W | 1 | 1.05 kg |
| NH3AM69V300 | E227980 | 690 V | 300 A | 21 W | 1 | 1.05 kg |
| NH3AM69V315 | F227981 | 690 V | 315 A | 21 W | 1 | 1.05 kg |
| NH3AM69V355 | G227982 | 690 V | 355 A | 23.3 W | 1 | 1.05 kg |
| NH3AM69V400 | H227983 | 690 V | 400 A | 29.1 W | 1 | 1.05 kg |
| NH3AM69V425 | J227984 | 690 V | 425 A | 29.1 W | 1 | 1.05 kg |
| NH3AM69V450 | K227985 | 690 V | 450 A | 34 W | 1 | 1.05 kg |
| NH3AM69V500 | L227986 | 690 V | 500 A | 42 W | 1 | 1.05 kg |

NH fuse-links aM 690VAC

top indicator/live gripping-lugs size 4, 4a

PRODUCT RANGE



NH4AM69V400-8

Size 4 aM 690VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|--------|
| NH4AM69V400-8 | Q227990 | 690 V | 400 A | 26 W | 1 | 2 kg |
| NH4AM69V500-8 | R227991 | 690 V | 500 A | 38 W | 1 | 2 kg |
| NH4AM69V630-8 | S227992 | 690 V | 630 A | 50 W | 1 | 2 kg |
| NH4AM69V800-8 | T227993 | 690 V | 800 A | 65 W | 1 | 2 kg |
| NH4AM69V1000-8 | V227994 | 690 V | 1000 A | 80 W | 1 | 2 kg |



NH4AAM69V500-8

Size 4a aM 690VAC top indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-------------------------------------|---------|--------|
| NH4AAM69V500-8 | X227996 | 690 V | 500 A | 38 W | 1 | 2.2 kg |
| NH4AAM69V630-8 | Y227997 | 690 V | 630 A | 50 W | 1 | 2.2 kg |
| NH4AAM69V800-8 | A227999 | 690 V | 800 A | 65 W | 1 | 2.2 kg |
| NH4AAM69V1000-8 | B228000 | 690 V | 1000 A | 80 W | 1 | 2.2 kg |

NH fuse-links gTr 400VAC

middle indicator/live gripping-lugs size 2, 3, 4a

PRODUCT RANGE



NH22GTR250KVA

Size 2 gTr 400VAC middle indicator

| Catalog number | Item number | Rated current I _n | Power dissipation at I _n | Transformer nominal capacity | Width | Package | Weight |
|----------------|-------------|------------------------------|-------------------------------------|------------------------------|-------|---------|--------|
| NH2GTR50KVA | S1028691 | 50 A | 5.5 W | 50 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR75KVA | T1028692 | 75 A | 7.3 W | 75 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR100KVA | V1028693 | 100 A | 9 W | 100 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR125KVA | W1028694 | 125 A | 11.2 W | 125 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR160KVA | Y1028696 | 160 A | 14 W | 160 kVA | 40 mm | 3/30 | 0.5 kg |
| NH22GTR200KVA | G1030498 | 200 A | 16 W | 200 kVA | 50 mm | 3/24 | 0.5 kg |
| NH22GTR250KVA | H1030499 | 250 A | 21 W | 250 kVA | 50 mm | 3/24 | 0.5 kg |



NH32GTR630KVA

Size 3 gTr 400VAC middle indicator

| Catalog number | Item number | Rated current I _n | Power dissipation at I _n | Transformer nominal capacity | Width | Package | Weight |
|----------------|-------------|------------------------------|-------------------------------------|------------------------------|-------|---------|--------|
| NH3GTR50KVA | J1030500A | 50 A | 5.5 W | 50 kVA | 50 mm | 1 | 1 kg |
| NH3GTR75KVA | K1030501A | 75 A | 7.3 W | 75 kVA | 50 mm | 1 | 1 kg |
| NH3GTR100KVA | L1030502A | 100 A | 9 W | 100 kVA | 50 mm | 1 | 1 kg |
| NH3GTR125KVA | J1028706A | 125 A | 11.2 W | 125 kVA | 50 mm | 1 | 1 kg |
| NH3GTR160KVA | M1030503A | 160 A | 14 W | 160 kVA | 50 mm | 1 | 1 kg |
| NH3GTR200KVA | N1030504A | 200 A | 16 W | 200 kVA | 50 mm | 1 | 1 kg |
| NH32GTR315KVA | Y1030513A | 315 A | 25 W | 315 kVA | 71 mm | 1 | 1 kg |
| NH32GTR400KVA | Z1030514A | 400 A | 31 W | 400 kVA | 71 mm | 1 | 1 kg |
| NH32GTR500KVA | H1028705A | 500 A | 53 W | 500 kVA | 71 mm | 1 | 1 kg |
| NH32GTR630KVA | A1030515A | 630 A | 62 W | 630 kVA | 71 mm | 1 | 1 kg |

NH fuse-links gTr 400VAC

middle indicator/live gripping-lugs size 2, 3, 4a

PRODUCT RANGE



NH4A2GTR1000KVA

Size 4a gTr 400VAC middle indicator

| Catalog number | Item number | Rated current I_n | Power dissipation at I_n | Transformer nominal capacity | Width | Package | Weight |
|-----------------|-------------|---------------------|----------------------------|------------------------------|-------|---------|--------|
| NH4AGTR100KVA | X1028718 | 100 A | 12 W | 100 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR125KVA | Y1028719 | 125 A | 15 W | 125 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR160KVA | Z1028720 | 160 A | 18 W | 160 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR200KVA | A1028721 | 200 A | 23 W | 200 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR250KVA | B1028722 | 250 A | 28 W | 250 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR315KVA | C1028723 | 315 A | 32 W | 315 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR400KVA | D1028724 | 400 A | 39 W | 400 kVA | 73 mm | 1 | 2.2 kg |
| NH4A2GTR500KVA | H1030522 | 500 A | 49 W | 500 kVA | 98 mm | 1 | 2.2 kg |
| NH4A2GTR630KVA | J1030523 | 630 A | 66 W | 630 kVA | 98 mm | 1 | 2.2 kg |
| NH4A2GTR800KVA | K1030524 | 800 A | 81 W | 800 kVA | 98 mm | 1 | 2.2 kg |
| NH4A2GTR1000KVA | L1030525 | 1000 A | 108 W | 1000 kVA | 98 mm | 1 | 2.2 kg |

NH fuse-links gTr 400VAC

top indicator/live gripping-lugs size 2, 3, 4a

PRODUCT RANGE



NH22GTR250KVA-8

Size 2 gTr 400VAC top indicator

| Catalog number | Item number | Rated current I_n | Power dissipation at I_n | Transformer nominal capacity | Width | Package | Weight |
|-----------------|-------------|---------------------|----------------------------|------------------------------|-------|---------|--------|
| NH2GTR50KVA-8 | Z1028697 | 50 A | 5.5 W | 50 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR75KVA-8 | A1028698 | 75 A | 7.3 W | 75 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR100KVA-8 | B1028699 | 100 A | 9 W | 100 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR125KVA-8 | D1028701 | 125 A | 11.2 W | 125 kVA | 40 mm | 3/30 | 0.5 kg |
| NH2GTR160KVA-8 | E1028702 | 160 A | 14 W | 160 kVA | 40 mm | 3/30 | 0.5 kg |
| NH22GTR200KVA-8 | F1028703 | 200 A | 16 W | 200 kVA | 50 mm | 3/24 | 0.5 kg |
| NH22GTR250KVA-8 | G1028704 | 250 A | 21 W | 250 kVA | 50 mm | 3/24 | 0.5 kg |



NH32GTR630KVA-8

Size 3 gTr 400VAC top indicator

| Catalog number | Item number | Rated current I_n | Power dissipation at I_n | Transformer nominal capacity | Width | Package | Weight |
|-----------------|-------------|---------------------|----------------------------|------------------------------|-------|---------|--------|
| NH3GTR50KVA-8 | K1028707A | 50 A | 5.5 W | 50 kVA | 50 mm | 1 | 1 kg |
| NH3GTR75KVA-8 | L1028708A | 75 A | 7.3 W | 75 kVA | 50 mm | 1 | 1 kg |
| NH3GTR100KVA-8 | M1028709A | 100 A | 9 W | 100 kVA | 50 mm | 1 | 1 kg |
| NH3GTR125KVA-8 | N1028710A | 125 A | 11.2 W | 125 kVA | 50 mm | 1 | 1 kg |
| NH3GTR160KVA-8 | P1028711A | 160 A | 14 W | 160 kVA | 50 mm | 1 | 1 kg |
| NH3GTR200KVA-8 | Q1028712A | 200 A | 16 W | 200 kVA | 50 mm | 1 | 1 kg |
| NH3GTR250KVA-8 | R1028713A | 250 A | 21 W | 250 kVA | 50 mm | 1 | 1 kg |
| NH32GTR315KVA-8 | S1028714A | 315 A | 25 W | 315 kVA | 71 mm | 1 | 1 kg |
| NH32GTR400KVA-8 | T1028715A | 400 A | 31 W | 400 kVA | 71 mm | 1 | 1 kg |
| NH32GTR500KVA-8 | V1028716A | 500 A | 53 W | 500 kVA | 71 mm | 1 | 1 kg |
| NH32GTR630KVA-8 | W1028717A | 630 A | 62 W | 630 kVA | 71 mm | 1 | 1 kg |

NH fuse-links gTr 400VAC

top indicator/live gripping-lugs size 2, 3, 4a

PRODUCT RANGE



NH4AGTR100KVA-8

Size 4a gTr 400VAC top indicator

| Catalog number | Item number | Rated current I_n | Power dissipation at I_n | Transformer nominal capacity | Width | Package | Weight |
|-----------------|-------------|---------------------|----------------------------|------------------------------|-------|---------|--------|
| NH4AGTR100KVA-8 | E1028725 | 100 A | 12 W | 100 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR125KVA-8 | F1028726 | 125 A | 15 W | 125 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR160KVA-8 | G1028727 | 160 A | 18 W | 160 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR200KVA-8 | H1028728 | 200 A | 23 W | 200 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR250KVA-8 | J1028729 | 250 A | 28 W | 250 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR315KVA-8 | K1028730 | 315 A | 32 W | 315 kVA | 73 mm | 1 | 2.2 kg |
| NH4AGTR400KVA-8 | L1028731 | 400 A | 39 W | 400 kVA | 73 mm | 1 | 2.2 kg |
| NH42GTR500KVA-8 | V1030487 | 500 A | 49 W | 500 kVA | 98 mm | 1 | 2.2 kg |
| NH42GTR630KVA-8 | W1030488 | 630 A | 66 W | 630 kVA | 98 mm | 1 | 2.2 kg |
| NH42GTR800KVA-8 | Y1030490 | 800 A | 81 W | 800 kVA | 98 mm | 1 | 2.2 kg |
| NH42GR1000KVA-8 | B1029067 | 1000 A | 108 W | 1000 kVA | 98 mm | 1 | 2.2 kg |

NH fuse-links gTr 400VAC

middle indicator/isolated gripping-lugs size 2, 3

PRODUCT RANGE



NH22GTR250KVA-1

Size 2 gTr 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated current I_n | Power dissipation at I_n | Transformer nominal capacity | Width | Package | Weight |
|-----------------|-------------|---------------------|----------------------------|------------------------------|-------|---------|--------|
| NH2GTR50KVA-1 | M1028686 | 50 A | 5.5 W | 50 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR75KVA-1 | N1028687 | 75 A | 7.3 W | 75 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR100KVA-1 | P1028688 | 100 A | 9 W | 100 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR125KVA-1 | Q1028689 | 125 A | 11.2 W | 125 kVA | 42 mm | 3/30 | 0.5 kg |
| NH2GTR160KVA-1 | R1028690 | 160 A | 14 W | 160 kVA | 42 mm | 3/30 | 0.5 kg |
| NH22GTR200KVA-1 | Q1030529 | 200 A | 16 W | 200 kVA | 53 mm | 3/24 | 0.5 kg |
| NH22GTR250KVA-1 | R1030530 | 250 A | 21 W | 250 kVA | 53 mm | 3/24 | 0.5 kg |



NH32GTR400KVA-1

Size 3 gTr 400VAC isolated gripping-lugs

| Catalog number | Item number | Rated current I_n | Power dissipation at I_n | Transformer nominal capacity | Width | Package | Weight |
|-----------------|-------------|---------------------|----------------------------|------------------------------|-------|---------|--------|
| NH3GTR50KVA-1 | S1030531A | 50 A | 5.5 W | 50 kVA | 53 mm | 1 | 1 kg |
| NH3GTR75KVA-1 | T1030532A | 75 A | 7.3 W | 75 kVA | 53 mm | 1 | 1 kg |
| NH3GTR100KVA-1 | V1030533A | 100 A | 9 W | 100 kVA | 53 mm | 1 | 1 kg |
| NH3GTR125KVA-1 | W1030534A | 125 A | 11.2 W | 125 kVA | 53 mm | 1 | 1 kg |
| NH3GTR160KVA-1 | X1030535A | 160 A | 14 W | 160 kVA | 53 mm | 1 | 1 kg |
| NH3GTR200KVA-1 | Y1030536A | 200 A | 16 W | 200 kVA | 53 mm | 1 | 1 kg |
| NH3GTR250KVA-1 | Z1030537A | 250 A | 21 W | 250 kVA | 53 mm | 1 | 1 kg |
| NH32GTR315KVA-1 | D1030541A | 315 A | 21 W | 315 kVA | 73 mm | 1 | 1 kg |
| NH32GTR400KVA-1 | E1030542A | 400 A | 25 W | 400 kVA | 73 mm | 1 | 1 kg |

NH fuse-links gG 500 - 690VAC with striker size 0, 1, 2, 3, 4

PRODUCT RANGE



NH0GG50V160P-2

Size 0 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH0GG69V32P-2 | P213637 | 690 V | 32 A | 80 kA | 3.7 W | 3 | 0.28 kg |
| NH0GG69V35P-2 | S214146 | 690 V | 35 A | 80 kA | 4 W | 3 | 0.28 kg |
| NH0GG69V40P-2 | W214655 | 690 V | 40 A | 80 kA | 4.5 W | 3 | 0.28 kg |
| NH0GG69V50P-2 | B215166 | 690 V | 50 A | 80 kA | 5.2 W | 3 | 0.28 kg |
| NH0GG69V63P-2 | D215674 | 690 V | 63 A | 80 kA | 6.2 W | 3 | 0.28 kg |
| NH0GG69V80P-2 | J216185 | 690 V | 80 A | 80 kA | 7.5 W | 3 | 0.28 kg |
| NH0GG69V100P-2 | H216690 | 690 V | 100 A | 80 kA | 8.5 W | 3 | 0.28 kg |
| NH0GG50V125P-2 | V217207 | 500 V | 125 A | 120 kA | 10.7 W | 3 | 0.28 kg |
| NH0GG50V160P-2 | A217718 | 500 V | 160 A | 120 kA | 13.5 W | 3 | 0.28 kg |
| NH0GG50V200P-2 | K218233 | 500 V | 200 A | 120 kA | 15 W | 3 | 0.28 kg |



NH1GG50V355P-2

Size 1 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH1GG69V80P-2 | Y218751 | 690 V | 80 A | 80 kA | 6.9 W | 3 | 0.35 kg |
| NH1GG69V100P-2 | M219270 | 690 V | 100 A | 80 kA | 8.1 W | 3 | 0.35 kg |
| NH1GG69V125P-2 | P219801 | 690 V | 125 A | 80 kA | 9.6 W | 3 | 0.35 kg |
| NH1GG69V160P-2 | Z222478 | 690 V | 160 A | 80 kA | 11.9 W | 3 | 0.35 kg |
| NH1GG69V200P-2 | R223000 | 690 V | 200 A | 80 kA | 14.9 W | 3 | 0.35 kg |
| NH1GG50V224P-2 | Y200788 | 500 V | 224 A | 120 kA | 16.7 W | 3 | 0.35 kg |
| NH1GG50V250P-2 | Q201333 | 500 V | 250 A | 120 kA | 18.7 W | 3 | 0.35 kg |
| NH1GG50V315P-2 | Z201847 | 500 V | 315 A | 120 kA | 25 W | 3 | 0.35 kg |
| NH1GG50V355P-2 | W211067 | 500 V | 355 A | 120 kA | 28 W | 3 | 0.35 kg |



NH2GG50V400P-2

Size 2 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH2GG69V125P-2 | W212102 | 690 V | 125 A | 80 kA | 9.5 W | 3 | 0.56 kg |
| NH2GG69V160P-2 | L212622 | 690 V | 160 A | 80 kA | 11.5 W | 3 | 0.56 kg |
| NH2GG69V200P-2 | Y213139 | 690 V | 200 A | 80 kA | 14.5 W | 3 | 0.56 kg |
| NH2GG69V224P-2 | Q213638 | 690 V | 224 A | 80 kA | 16 W | 3 | 0.56 kg |
| NH2GG69V250P-2 | T214147 | 690 V | 250 A | 80 kA | 17.5 W | 3 | 0.56 kg |
| NH2GG69V315P-2 | X214656 | 690 V | 315 A | 80 kA | 23 W | 3 | 0.56 kg |
| NH2GG50V400P-2 | K216186 | 500 V | 400 A | 120 kA | 29 W | 3 | 0.56 kg |
| NH2GG50V500P-2 | W217208 | 500 V | 500 A | 120 kA | 39 W | 3 | 0.56 kg |



NH3GG50V630P-2

Size 3 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH3GG69V315P-2 | B217719 | 690 V | 315 A | 80 kA | 23 W | 3 | 0.87 kg |
| NH3GG69V355P-2 | L218234 | 690 V | 355 A | 80 kA | 25 W | 3 | 0.87 kg |
| NH3GG69V400P-2 | Z218752 | 690 V | 400 A | 80 kA | 29 W | 3 | 0.87 kg |
| NH3GG69V500P-2 | N219271 | 690 V | 500 A | 80 kA | 39 W | 3 | 0.87 kg |
| NH3GG50V630P-2 | Q219802 | 500 V | 630 A | 120 kA | 47 W | 3 | 0.87 kg |

Size 4 gG with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|--------|
| NH4GG69V500P-2 | S1000079 | 690 V | 500 A | 120 kA | 40 W | 1 | 2.2 kg |
| NH4GG69V630P-2 | T1000080 | 690 V | 630 A | 120 kA | 53 W | 1 | 2.2 kg |
| NH4GG69V800P-2 | V1000081 | 690 V | 800 A | 120 kA | 68 W | 1 | 2.2 kg |
| NH4GG50V1000P-2 | W1000082 | 500 V | 1000 A | 120 kA | 65 W | 1 | 2.2 kg |
| NH4GG50V1250P-2 | X1000083 | 500 V | 1250 A | 120 kA | 61 W | 1 | 2.2 kg |

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NH fuse-links aM 500 - 690VAC with striker, size 0, 1, 2, 3, 4

PRODUCT RANGE



NH0AM69V125P-2

Size 0 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH0AM69V32P-2 | Z213140 | 690 V | 32 A | 80 kA | 2.4 W | 3 | 0.28 kg |
| NH0AM69V40P-2 | R213639 | 690 V | 40 A | 80 kA | 2.8 W | 3 | 0.28 kg |
| NH0AM69V50P-2 | V214148 | 690 V | 50 A | 80 kA | 3.6 W | 3 | 0.28 kg |
| NH0AM69V63P-2 | Y214657 | 690 V | 63 A | 80 kA | 4.6 W | 3 | 0.28 kg |
| NH0AM69V80P-2 | C215167 | 690 V | 80 A | 80 kA | 6 W | 3 | 0.28 kg |
| NH0AM69V100P-2 | F215676 | 690 V | 100 A | 80 kA | 7.5 W | 3 | 0.28 kg |
| NH0AM69V125P-2 | L216187 | 690 V | 125 A | 80 kA | 9.5 W | 3 | 0.28 kg |
| NH0AM69V160P-2 | J216691 | 690 V | 160 A | 80 kA | 12 W | 3 | 0.28 kg |
| NH0AM50V200P-2 | X217209 | 500 V | 200 A | 120 kA | - | 3 | 0.28 kg |



NH1AM69V250P-2

Size 1 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH1AM69V80P-2 | C217720 | 690 V | 80 A | 80 kA | 6 W | 3 | 0.38 kg |
| NH1AM69V100P-2 | M218235 | 690 V | 100 A | 80 kA | 7.5 W | 3 | 0.38 kg |
| NH1AM69V125P-2 | A218753 | 690 V | 125 A | 80 kA | 9.9 W | 3 | 0.38 kg |
| NH1AM69V160P-2 | P219272 | 690 V | 160 A | 80 kA | 12.7 W | 3 | 0.38 kg |
| NH1AM69V200P-2 | B222480 | 690 V | 200 A | 80 kA | 16.4 W | 3 | 0.38 kg |
| NH1AM69V250P-2 | T223002 | 690 V | 250 A | 80 kA | 21.5 W | 3 | 0.38 kg |
| NH1AM50V315P-2 | A200790 | 500 V | 315 A | 120 kA | - | 3 | 0.38 kg |



NH2AM69V315P-2

Size 2 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH2AM69V125P-2 | S201335 | 690 V | 125 A | 80 kA | - | 3 | 0.56 kg |
| NH2AM69V160P-2 | B201849 | 690 V | 160 A | 80 kA | 12.7 W | 3 | 0.56 kg |
| NH2AM69V200P-2 | Y211069 | 690 V | 200 A | 80 kA | 16.4 W | 3 | 0.56 kg |
| NH2AM69V224P-2 | P211590 | 690 V | 224 A | 80 kA | 18.7 W | 3 | 0.56 kg |
| NH2AM69V250P-2 | Y212104 | 690 V | 250 A | 80 kA | 21.5 W | 3 | 0.56 kg |
| NH2AM69V315P-2 | N212624 | 690 V | 315 A | 80 kA | 29 W | 3 | 0.56 kg |
| NH2AM69V355P-2 | A213141 | 690 V | 355 A | 80 kA | 32 W | 3 | 0.56 kg |
| NH2AM69V400P-2 | S213640 | 690 V | 400 A | 80 kA | 34 W | 3 | 0.56 kg |
| NH2AM50V500P-2 | W214149 | 500 V | 500 A | 120 kA | - | 3 | 0.56 kg |

Size 3 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|---------|
| NH3AM69V315P-2 | Z214658 | 690 V | 315 A | 80 kA | 25 W | 3 | 0.87 kg |
| NH3AM69V355P-2 | D215168 | 690 V | 355 A | 80 kA | 29 W | 3 | 0.87 kg |
| NH3AM69V400P-2 | G215677 | 690 V | 400 A | 80 kA | 34 W | 3 | 0.87 kg |
| NH3AM69V500P-2 | M216188 | 690 V | 500 A | 80 kA | 45 W | 3 | 0.87 kg |
| NH3AM50V630P-2 | K216692 | 500 V | 630 A | 120 kA | 60 W | 3 | 0.87 kg |



NH4AM69V500P-2

Size 4 aM with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|----------------------------|-------------------------------------|---------|--------|
| NH4AM69V500P-2 | P1000076 | 690 V | 500 A | 120 kA | 38 W | 1 | 2.2 kg |
| NH4AM69V630P-2 | Q1000077 | 690 V | 630 A | 120 kA | 50 W | 1 | 2.2 kg |
| NH4AM69V800P-2 | R1000078 | 690 V | 800 A | 120 kA | 65 W | 1 | 2.2 kg |
| NH4AM69V1000P-2 | Y1000084 | 690 V | 1000 A | 120 kA | 80 W | 1 | 2.2 kg |
| NH4AM50V1250P-2 | Z1000085 | 500 V | 1250 A | 120 kA | 100 W | 1 | 2.2 kg |

BSL NH Fuse-Rails

Size 00 160A, 690VAC

PRODUCT RANGE



1.002.440

1.002.443

BSL 160 A size 00 for 100 mm bus bar system

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|-----------------------------|---------|---------|
| 1.002.440 | R1002286 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 0.83 kg |
| 1.002.441 | R1023423 | 3 clamp straps Cu 4-70 mm ² | with cover shroud MZ00KH | 1 piece | 0.88 kg |
| 1.002.442 | T1023425 | 3 Al/Cu clamps 1,5-70 mm ² | with cover shroud MZ00KH | 1 piece | 0.84 kg |
| 1.002.443 | V1023426 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 0.88 kg |
| 1.002.444 | W1023427 | 3 frame clamps Cu 2,5-70 mm ² | with cover shroud MZ00KH | 1 piece | 0.82 kg |



01BSLA100

01BSLN100

BSL 160 A size 00 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|-----------------------------|----------|--------|
| 01BSLA100 | M1023419 | 3 Al/Cu clamps 1,5-70 mm ² | with cover shroud MZ00KH | 3 pieces | 2 kg |
| 01BSLN100 | S1002287 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 2 kg |
| 01BSLS100 | P1023421 | 3 clamp straps Cu 4-70 mm ² | with cover shroud MZ00KH | 2 pieces | 2 kg |
| 1.000.913 | Q1023422 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 4 pieces | 2 kg |

ACCESSORIES



MZ00KH

MZ00KA

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| MZ00KH | F1023298 | cover shroud length 106 mm for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |

BSL NH Fuse-Rails

Size 00 160A, 690VAC

ACCESSORIES



Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|-----------------------|---------|---------|
| MZ00LPAP | B1023409 | spare way cover without level adjustment width 50 mm, length 320 mm for single adapter MZ00ESA and double adapter MZ00DSA including fixing material | bus bar system 100 mm | 1 piece | 50 g |
| MZ01LPAP | C1023410 | spare way cover without level adjustment width 50 mm, length 500 mm including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| 1.002.493 | N1002283 | spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.830 | E1023412 | spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |



Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| OOSZRK3 | K215105 | hooked clamp size 00, M = 5 Nm 1 set = 3 pieces | 1 set | 0.10 kg |



Adapter für installation on to bus bars with screw terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|--|---------|---------|
| MZ00DSA | C217145 | double adapter 100/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.71 kg |
| MZ00ESAECO | D1023296 | Single adapter 100/185 mm to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.19 kg |
| MZ01DSA | G228764 | double adapter 185/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/185 mm 1x3-pole | 1 piece | 0.7 kg |
| MZ01ESA | H228765 | single adapter 185/185 mm (for installation of MULTIVERT®/BSL with screws M8) to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/185 mm 1x3-pole | 1 piece | 0.39 kg |



Covers/protective covers for tags

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|-----------------------------|---------|--------|
| 1.002.684 | N1023420 | protective cover for NH-fuse links (protective cover for tags) 1 set = 3 pieces | BSL size 00 160 A/100 mm | 1 set | 40 g |

BSL NH Fuse-Rails
Size 00 160A, 690VAC

ACCESSORIES



MZ00BT2

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|----------------------|---------|--------|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |



1.002.600



MZ00STW

Phase barriers

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------------------|---------|--------|
| 1.002.600 | W1002290 | lateral phase barrier (snap on) 1 set = 3 pieces | BSL size 00 160 A/100 mm | 1 set | 14 g |
| MZ00STW | V1002289 | lateral phase barrier (snap on) 1 set = 3 pieces | BSL size 00 160 A/185 mm | 1 set | 33 g |



00SZS



00SZESK

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50–95 mm ² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm ² 1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZVK1 | D1023434 | V-terminal clamp size 00, 10–70 mm ² round stranded, 10–95 mm ² round solid, 35–95 mm ² single stranded, 50–95 mm ² single solid, M = 12 Nm | 30 | 0.4 kg |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |



1.003.433



00SZVK1



1.000.098

BSL NH Fuse-Rails

Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

PRODUCT RANGE

BSL 250 A size 1 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|-----------------------------------|---------|--------|
| BL1B403K000 | X1002291 | 3 M12 bolts | 1 piece | 3.2 kg |
| BL1E403K000 | X1023428 | 3 M10 insert nuts | 1 piece | 3.1 kg |
| BL1V403K000 | Y1023429 | V-terminal 35–240 mm ² | 1 piece | 3.7 kg |



BL1B403K000

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BSL NH Fuse-Rails

PRODUCT RANGE

Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC



BL2V403K000

BSL 400 A size 2 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|------------------------------|---------|--------|
| BL2B403K000 | A1002294 | 3 M12 bolts | 1 piece | 3.8 kg |
| BL2E403K000 | Z1023430 | 3 M12 insert nuts | 1 piece | 3.7 kg |
| BL2V403K000 | A1023431 | V-terminal 35-240 mm² | 1 piece | 3.7 kg |



BL3B403K000

BSL 630 A size 3 for 185 mm bus bar system

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|------------------------------|---------|--------|
| BL3B403K000 | E1002298 | 3 M12 bolts | 1 piece | 4.4 kg |
| BL3E403K000 | B1023432 | 3 M12 insert nuts | 1 piece | 4.2 kg |
| BL3V403K000 | C1023433 | V-terminal 35-240 mm² | 1 piece | 3.7 kg |

ACCESSORIES

Cover/shrouds for cable termination



MZKAB



MZKHO



MZKAB1

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|--------------|---------|---------|
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.12 kg |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

BSL NH Fuse-Rails

Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

ACCESSORIES

Covers/spare way covers



MZ01LPAP MZLPAP 1.002.493



1.002.492 1.002.830 1.002.829

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|-----------------------|---------|---------|
| MZ01LPAP | C1023410 | spare way cover without level adjustment width 50 mm, length 500 mm including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| MZLPAP | D1023411 | spare way cover width 100 mm, length 612 mm including 2 pieces M12 fixing screws (distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.56 kg |
| 1.002.493 | N1002283 | spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover width 100 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover width 100 mm, length 630 mm with level adjustment 123 mm for bus bar installation set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |

NH-SYSTEM

Installation devices/bus bar installation



1.000.192

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm hexagon socket connection (inbus) for MULTIVERT®/BSL with top or bottom terminal 1 set = 3 pieces | 1 set | 0.47 kg |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

BSL NH Fuse-Rails

ACCESSORIES

Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC



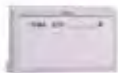
MZGLAD

Covers/protective covers for tags

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|----------------|---------|---------|
| MZGLAD | G1002300 | protective cover for NH-fuse links (protective cover for tags) | BSL size 1,2,3 | 1 piece | 0.27 kg |



MZBC



MZBT

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---------------------------|---------|--------|
| MZBC | J1002302 | labelling clip | 1 piece | 12 g |
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |



MZSTW1

Phase barriers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| MZSTW1 | H1002301 | lateral phase barrier (snap on) 1 set = 3 pieces | 1 set | 40 g |

BSL NH Fuse-Rails

Size 1, 250A; Size 2, 400A; Size 3, 630A; 690VAC

ACCESSORIES

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3, 95-240 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3, 95-300 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.26 kg |
| 1.002.902 | M1024615 | V-terminal clamp size 1,2,3 95-240 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M= 23 -27 Nm, with V-lug art. no. 22SZSV1 1 set = 3 clamps + 3 lugs | 1 set | 0.42 kg |
| 1.002.903 | N1024616 | V-terminal clamp size 1,2,3 95-300 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm, with V-shaped lug art. no. 22SZSV1 1 set = 3 clamps + 3 lugs | 1 set | 0.44 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors 50-240 mm ² single solid, 50-185 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid M = 23-27 Nm | 1 piece | 6.8 g |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.1 g |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |



1.002.909



1.002.910



1.002.902



1.002.903



22SZVK42



1.000.099



1.001.667



BB001EPBR



BB003EPVBLOC

NH Plastic bases Size 00 - 160A (power acceptance: 12W)

| Catalog number | Item number | Number of poles/ phases | Connection | Installation mode | Package | Weight |
|--|-------------|-------------------------|---------------|-------------------|---------|---------|
| Type EP (square contacts) | | | | | | |
| BB001EP | F215170 | 1 | Screw | Screw | 3 | 0.13 kg |
| BB00EPBT | T219805 | 1 | Clamp | Screw | 3 | 0.13 kg |
| BB001EPBR | F200795 | 1 | Clamp | DIN rail | 3 | 0.13 kg |
| BB001EPR | R216192 | 1 | Screw | DIN rail | 3 | 0.13 kg |
| BB001EPR-BR | G1060812 | 1 | Screw / Clamp | DIN rail | 3 | 0.13 kg |
| BB001EPBR-R | H1060813 | 1 | Clamp / Screw | DIN rail | 3 | 0.13 kg |
| BB002EP | A217212 | 2 | Screw | Screw | 2 | 0.29 kg |
| BB002EPB | D200793 | 2 | Clamp | Screw | 2 | 0.29 kg |
| BB002EPR | F218758 | 2 | Screw | DIN rail | 2 | 0.29 kg |
| BB002EPBR | T211594 | 2 | Clamp | DIN rail | 2 | 0.29 kg |
| BB003EPB | W201338 | 3 | Clamp | Screw | 1 | 0.4 kg |
| BB003EPVBLOC | W229122 | 3 | Screw | Screw | 1 | 0.4 kg |
| BB003EPBR | C212108 | 3 | Clamp | DIN rail | 1 | 0.4 kg |
| BB003EPRBLOC | V229121 | 3 | Screw | DIN rail | 1 | 0.4 kg |
| BB004EP | S219275 | 4 | Screw | Screw | 1 | 0.58 kg |
| BB004EPB | R211592 | 4 | Clamp | Screw | 1 | 0.58 kg |
| BB004EPR | Z223007 | 4 | Screw | DIN rail | 1 | 0.58 kg |
| BB004EPBR | M215682 | 4 | Clamp | DIN rail | 1 | 0.58 kg |
| Indirect touch protection IP 20 | | | | | | |
| BB001FS | M216694 | 1 | Screw | Screw | 3 | 0.19 kg |
| BB001RFS | S218240 | 1 | Screw | DIN rail | 3 | 0.19 kg |
| BB003SFSBLOC | T229120 | 3 | Screw | Screw | 1 | 0.53 kg |
| BB003RFSBLOC | S229119 | 3 | Screw | DIN rail | 1 | 0.53 kg |

NH Plastic bases Size 0 - 160A (power acceptance: 25W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---------------------------------------|-------------|------------------------|------------|-------------------|---------|---------|
| Type EP (square contacts) | | | | | | |
| BB01EP | B213142 | 1 | Screw | Screw | 3 | 0.19 kg |
| BB01EPR | S216193 | 1 | Screw | DIN rail | 3 | 0.19 kg |
| BB02EP | C214661 | 2 | Screw | Screw | 2 | 0.42 kg |
| BB02EPR | P216696 | 2 | Screw | DIN rail | 2 | 0.42 kg |
| BB03EP | G215171 | 3 | Screw | Screw | 1 | 0.64 kg |
| BB03EPR | C217214 | 3 | Screw | DIN rail | 1 | 0.64 kg |
| BB04EP | Q216191 | 4 | Screw | Screw | 1 | 0.88 kg |
| BB04EPR | J217726 | 4 | Screw | DIN rail | 1 | 0.88 kg |
| Type PP (clip contacts) | | | | | | |
| BB01PP | N216695 | 1 | Screw | Screw | 3 | 0.21 kg |
| BB01PPR | T218241 | 1 | Screw | DIN rail | 3 | 0.21 kg |
| BB02PP | B217213 | 2 | Screw | Screw | 2 | 0.46 kg |
| BB02PPR | G218759 | 2 | Screw | DIN rail | 2 | 0.46 kg |
| BB03PP | G217724 | 3 | Screw | Screw | 1 | 0.62 kg |
| BB03PPR | W219278 | 3 | Screw | DIN rail | 1 | 0.62 kg |
| BB04PP | R218239 | 4 | Screw | Screw | 1 | 0.85 kg |
| BB04PPR | H222486 | 4 | Screw | DIN rail | 1 | 0.85 kg |
| Indirect touch protection IP20 | | | | | | |
| BB01PPFS | X226708 | 1 | Screw | Screw | 3 | 0.31 kg |
| BB01EPRFS | G226717 | 1 | Screw | DIN rail | 3 | 0.31 kg |
| BB03PPFS | Z226710 | 3 | Screw | Screw | 1 | 0.91 kg |
| BB03EPRFS | J226719 | 3 | Screw | DIN rail | 1 | 0.91 kg |

BB01EP



BB11PP

NH Plastic bases Size 1 - 250A (power acceptance: 32W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---------------------------------------|-------------|------------------------|------------|-------------------|---------|---------|
| Type PP (clip contacts) | | | | | | |
| BB11PP | E218757 | 1 | Screw | Screw | 3 | 0.44 kg |
| BB11PPR | A223008 | 1 | Screw | DIN rail | 3 | 0.44 kg |
| BB12PP | F222484 | 2 | Screw | Screw | 2 | 0.95 kg |
| BB12PPR | G200796 | 2 | Screw | DIN rail | 2 | 0.95 kg |
| BB13PP | Y223006 | 3 | Screw | Screw | 1 | 1.5 kg |
| BB13PPR | Y201340 | 3 | Screw | DIN rail | 1 | 1.5 kg |
| BB14PP | X201339 | 4 | Screw | Screw | 1 | 1.9 kg |
| BB14PPR | H201855 | 4 | Screw | DIN rail | 1 | 1.9 kg |
| Indirect touch protection IP20 | | | | | | |
| BB11FS | V219806 | 1 | Screw | Screw | 3 | 0.7 kg |
| BB11PPRFS | P226724 | 1 | Screw | DIN rail | 3 | 0.7 kg |
| BB13PPRFS | Q226725 | 3 | Screw | DIN rail | 1 | 1.93 kg |



BB21PP

NH Plastic bases Size 2 - 400A (power acceptance: 45W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---------------------------------------|-------------|------------------------|------------|-------------------|---------|---------|
| Type PP (clip contacts) | | | | | | |
| BB21PP | F201853 | 1 | Screw | Screw | 3 | 0.53 kg |
| BB21PPR | E211075 | 1 | Screw | DIN rail | 3 | 0.53 kg |
| BB22PP | S211593 | 2 | Screw | Screw | 2 | 1.15 kg |
| BB22PPR | V211595 | 2 | Screw | DIN rail | 2 | 1.15 kg |
| BB23PP | B212107 | 3 | Screw | Screw | 1 | 1.75 kg |
| BB23PPR | D212109 | 3 | Screw | DIN rail | 1 | 1.75 kg |
| BB24PP | C213143 | 4 | Screw | Screw | 1 | 2.35 kg |
| BB24PPR | R212627 | 4 | Screw | DIN rail | 1 | 2.35 kg |
| Indirect touch protection IP20 | | | | | | |
| BB21PPFS | C226713 | 1 | Screw | Screw | 3 | 0.84 kg |
| BB21PPRFS | R226726 | 1 | Screw | DIN rail | 3 | 0.84 kg |
| BB23PPFS | D226714 | 3 | Screw | Screw | 1 | 2.22 kg |
| BB23PPRFS | S226727 | 3 | Screw | DIN rail | 1 | 2.22 kg |



BB31PP

NH Plastic bases Size 3 - 630A (power acceptance: 60W)

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|---------------------------------------|-------------|------------------------|------------|-------------------|---------|---------|
| Type PP (clip contacts) | | | | | | |
| BB31PP | W213643 | 1 | Screw | Screw | 3 | 0.72 kg |
| BB31PPR | X213644 | 1 | Screw | DIN rail | 3 | 0.72 kg |
| BB32PP | D214662 | 2 | Screw | Screw | 2 | 1.55 kg |
| BB32PPR | B214154 | 2 | Screw | DIN rail | 2 | 1.55 kg |
| BB33PP | H215172 | 3 | Screw | Screw | 1 | 2.36 kg |
| BB33PPR | F214664 | 3 | Screw | DIN rail | 1 | 2.36 kg |
| BB34PP | L215681 | 4 | Screw | Screw | 1 | 3.3 kg |
| BB34PPR | K215174 | 4 | Screw | DIN rail | 1 | 3.3 kg |
| Indirect touch protection IP20 | | | | | | |
| BB31PPFS | E226715 | 1 | Screw | Screw | 3 | 1.1 kg |
| BB31PPRFS | T226728 | 1 | Screw | DIN rail | 3 | 1.1 kg |
| BB33PPFS | F226716 | 3 | Screw | Screw | 1 | 2.22 kg |
| BB33PPRFS | V226729 | 3 | Screw | DIN rail | 1 | 2.22 kg |

NH Plastic bases Size 4 type P (clip contacts) fuse bases - 1250A

| Catalog number | Item number | Number of poles/phases | Connection | Installation mode | Package | Weight |
|----------------|-------------|------------------------|------------|-------------------|---------|---------|
| BB41P | W223004 | 1 | Screw | Screw | 1 | 2.23 kg |

NH Plastic bases for NH fuse-links with striker

| Catalog number | Item number | Size | Rated current I_n | Number of poles/ phases | Connection | Installation mode | Package | Weight |
|---------------------------------------|-------------|------|------------------------|----------------------------|------------|-------------------|---------|---------|
| For NH fuse-links with striker | | | | | | | | |
| BB01PPMS | T216194 | 0 | 160 A | 1 | Screw | Screw / DIN rail | 1 | 0.29 kg |
| BB11PPMS | Q216697 | 1 | 250 A | 1 | Screw | Screw / DIN rail | 1 | 0.52 kg |
| BB21PPMS | D217215 | 2 | 400 A | 1 | Screw | Screw / DIN rail | 1 | 0.61 kg |
| BB31PPMS | H218760 | 3 | 630 A | 1 | Screw | Screw / DIN rail | 1 | 0.8 kg |

ACCESSORIES



BB00TS

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---------|---------|--------|
| BB00TS | M222513 | Size 00 | 6 | 14.4 g |
| BB0TS | K200822 | Size 0 | 6 | 24.1 g |
| BB1TS | L201881 | Size 1 | 6 | 51.6 g |
| BB2TS | Y211621 | Size 2 | 6 | 53.3 g |
| BB3TS | X212655 | Size 3 | 6 | 0.1 kg |



BB00COV

Covers/protective covers for tags

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|----------|---------|--------|
| BB00COV | G213170 | Size 00 | 3 | 20 g |
| BB0COV | F214181 | Size 0 | 3 | 28.3 g |
| BB1-2COV | K214691 | Size 1-2 | 3 | 48.3 g |
| BB3COV | R215709 | Size 3 | 3 | 58 g |



BB00CL

Phase barriers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|-----------------|---------|--------|
| BB001BLOC | B233865 | Size 00-3 poles | 2 | 20 g |
| BB00CL | W212654 | Size 00 | 2 | 18.7 g |
| BB0CL | Z213669 | Size 0 | 2 | 20 g |
| BB1-2PPCL | J214690 | Sizes 1 & 2 | 2 | 45 g |
| BB3PPCL | Q215708 | Size 3 | 2 | 65 g |

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| BORNEABF95 | A218270 | 1 cable Size min. - max.: 10mm - 95mm | 50 | 0.10 kg |
| BORNEABF150 | N218788 | 1 cable Size min. - max.: 16mm - 150mm | 30 | 0.17 kg |
| BORNEABF240 | A219305 | 1 cable Size min. - max.: 50mm - 240mm | 15 | 0.36 kg |
| BORNEABF50D | B219835 | 2 cables Size min. - max.: 6mm - 50mm | 60 | 0.51 kg |
| BORNEABF95D | P222515 | 2 cables Size min. - max.: 10mm - 95mm | 30 | 0.17 kg |
| BORNEABF150D | F223036 | 2 cables Size min. - max.: 25mm - 150mm | 20 | 0.27 kg |
| BORNEABF240D | B201366 | 2 cables Size min. - max.: 95mm - 240mm | 5 | 0.60 kg |

Auxiliary Switches

| Catalog number | Item number | Design | Rated current I _n | Package | Weight |
|----------------|-------------|--------|------------------------------|---------|--------|
| MSBB01 | X219279 | Size 0 | 160 A | 1 | 39 g |
| MSBB11 | Y219809 | Size 1 | 250 A | 1 | 41 g |
| MSBB21 | J222487 | Size 2 | 400 A | 1 | 41 g |
| MSBB31 | B223009 | Size 3 | 630 A | 1 | 33 g |



BBPAKO

Multipole assembly

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|----------|---------|--------|
| BBPAK0 | V216724 | Size 0 | 2 | 7.5 g |
| BBPAK1-2 | N217753 | Size 1-2 | 2 | 20 g |
| BBPAK3 | M218787 | Size 3 | 2 | 27.5 g |



08024.000000

NH Fuse Handle with arm protection

| Catalog number | Item number | Size | Design | Package | Weight |
|----------------|-------------|---------|---|---------|---------|
| 08024.000000 | X216105 | 00 to 4 | with fire proof arm protection to DIN VDE 0636-2, DIN VDE 608-4 | 1 | 0.54 kg |



NHHANDLE

NH Fuse Handle without arm protection

| Catalog number | Item number | Size | Design | Package | Weight |
|----------------|-------------|---------|---|---------|---------|
| NHHANDLE | P215592 | 00 to 4 | without arm protection to DIN VDE 0636-2, DIN VDE 608-4 | 5/25 | 0.28 kg |

NH Solid Links

PRODUCT RANGE



NH00DKNIFESGP



NH3DKNIFESGP

Solid links with insulated tags

| Catalog number | Item number | Size | Rated current I _n | Package | Weight |
|----------------|-------------|--------|------------------------------|---------|---------|
| NH00DKNIFESGP | W216058 | 000/00 | 160 A | 12 | 0.07 kg |
| NH0DKNIFESGP | J217082 | 0 | 160 A | 12 | 0.1 kg |
| NH1DKNIFESGP | Y218107 | 1 | 250 A | 12 | 0.13 kg |
| NH2DKNIFESGP | E200656 | 2 | 400 A | 6 | 0.21 kg |
| NH3DKNIFESGP | J201718 | 3 | 630 A | 6 | 0.27 kg |



NH00NEUTRAL



NH2NEUTRAL

Solid links with live tags

| Catalog number | Item number | Size | Rated current I _n | Package | Weight |
|----------------|-------------|--------|------------------------------|---------|---------|
| NH00NEUTRAL | Z218269 | 000/00 | 160 A | 15 | 0.08 kg |
| NH0NEUTRAL | Z219304 | 0 | 160 A | 15 | 0.1 kg |
| NH1NEUTRAL | A219834 | 1 | 250 A | 9 | 0.15 kg |
| NH2NEUTRAL | N222514 | 2 | 400 A | 6 | 0.23 kg |
| NH3NEUTRAL | E223035 | 3 | 630 A | 6 | 0.27 kg |
| NH4NEUTRAL | L200823 | 4 | 1250 A | 1 | 0.66 kg |



33SZSM2

Special solid links

| Catalog number | Item number | Size | Rated current I _n | Design | Package | Weight |
|----------------|-------------|------|------------------------------|---|---------|---------|
| 33SZSM2 | D1046342 | 3 | 1000 A | special solid link for MULTIVERT® size 3, 1000A, larger cross section, nickel plated copper | 1 | 0.39 kg |

IEC NH FUSE SWITCH DISCONNECTORS





NH FUSE SWITCH DISCONNECTOR

110 - 129

| | |
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| MULTIBLOC® 000.RST8 | 110 |
| MULTIBLOC® 00.ST8..... | 111 |
| MULTIBLOC® 00.ST9..... | 114 |
| MULTIBLOC® 00.RST9 | 116 |
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NH VERTICAL FUSE SWITCH DISCONNECTOR

130 - 169

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MULTIBLOC® 000.ST8

PRODUCT RANGE

Size 000, 100A, 690VAC, Design for Bottom Fitting, Triple Pole



C00ST601

MULTIBLOC® 000.ST8 size 000 100 A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|----------------|-------------|-------|---------------------------------------|---------|---------|
| C00ST601 | J1002118 | 3 | 6 frame clamps 1,5–50 mm ² | 1 piece | 0.46 kg |

ACCESSORIES



C00SZAB

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|------------------------------------|---------|--------|
| C00SZAB | Q1002170 | cover shield 180 x 110 for 1switch | 1 piece | 27 g |



C00SZDIN

Installation devices

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| C00SZDIN | Z1022970 | adapter for installation on to DIN-rails in accordance with EN 50 022, 35 x 7,5 mm and 35 x 15 mm for 000.ST8 triple pole | 1 piece | 10 g |



C00SZHID

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| C00SZHID | R1022986 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V for MULTIBLOC® 000.ST8 1 set = 3 pieces | 1 piece | 60 g |



C00SZLFA

Insulated bus bars

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|----------|--------|
| C00SZLFA | Q1022985 | spare way cover for three poles of insulated bus bar | 5 pieces | 10 g |

MULTIBLOC® 000.RST8

Size 000, 100A, 690VAC, Design for bus bar installation, Triple Pole



1.002.571

MULTIBLOC® 000.RST8 size 000 100 A, 690VAC bus bar installation, triple pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|----------------|-------------|-------|---|---------|---------|
| 1.002.571 | L1002166 | 3 | 3 frame clamps 2,5-50 mm ² bottom terminal | 1 piece | 0.6 kg |
| 1.002.572 | L1023050 | 3 | 3 frame clamps 2,5-50 mm ² top terminal | 1 piece | 0.62 kg |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

MULTIBLOC® 000.RST8

ACCESSORIES

Size 000, 100A, 690VAC, Design for bus bar installation, Triple Pole



1.002.644

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.002.644 | N1022983 | cover for cable terminal connection, 1 set = 2 pieces | 1 set | 68 g |



1.002.643

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.002.643 | T1022988 | indicator for switch door position micro switch 1 change-over contact 5 A, 250 V for MULTIBLOC® 000.RST8 1 set = 3 pieces | 1 piece | 0.1 kg |

MULTIBLOC® 00.ST8

PRODUCT RANGE

Size 00 160A, 690VAC Bottom Fitting, 1-,2-,4-pole



1.000.053

MULTIBLOC® 00.ST8 size 00 160A, 690VAC bottom fitting, single pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|---|--|---------|---------|
| 1.000.053 | F229292 | 1 | 2 M8 terminal screws | - | 1 piece | 0.32 kg |
| 1.000.054 | E1022998 | 1 | 2 clamp straps Cu 4–70 mm ² | - | 1 piece | 0.32 kg |
| 1.000.114 | F1022999 | 1 | 2 Al/Cu clamps 1,5–70 mm ² round stranded, 95 mm ² sectoral solid | - | 1 piece | 0.35 kg |
| 1.001.817 | G1023000 | 1 | 2 M8 terminal screws | for direct installation on to bus bars with M8 screw | 1 piece | 0.29 kg |



1.001.817

MULTIBLOC® 00.ST8 size 00 160A, 690VAC bottom fitting, double pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|---|--|---------|---------|
| 1.000.139 | G229293 | 2 | 3 M8 terminal screws | 2 poles | 1 piece | 0.62 kg |
| 1.004.453 | E1062213 | 2 | 3 M8 terminal screws | with ready fitted special solid link as neutral conductor in pole 2 for leading and lagging switching (right side) | 1 piece | 0.62 kg |
| 1.000.140 | H1023001 | 2 | 4 clamp straps Cu 4 –70 mm ² | 2 poles | 1 piece | 0.62 kg |



1.000.139

MULTIBLOC® 00.ST8

PRODUCT RANGE

Size 00 160A, 690VAC Bottom Fitting, 1-,2-,4-pole



1.000.141



1.002.377

MULTIBLOC® 00.ST8 size 00 160A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|--|---|---------|---------|
| 1.000.141 | J1023002 | 4 | 8 M8 terminal screws | pole 4 right side | 1 piece | 1.04 kg |
| 1.000.142 | K1023003 | 4 | 8 clamp straps Cu 4–70 mm ² | pole 4 right side | 1 piece | 1.04 kg |
| 1.001.575 | L1023004 | 4 | 8 M8 terminal screws | pole 4 left side | 1 piece | 1.04 kg |
| 1.002.377 | T1002127 | 4 | 8 M8 terminal screws | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 1.8 kg |
| 1.003.141 | N1023006 | 4 | 8 clamp straps Cu 4-70 mm ² | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 1.8 kg |

ACCESSORIES

Cover shields



1.002.764

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.002.764 | T1022965 | cover shield for installation in distribution units size (width x height): 220 x 240 mm for one 00.ST8 quadruple pole | 1 piece | 93 g |

Cover/shrouds for cable termination



1.000.149

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.149 | V229282 | cover for cable terminal connection for 00.ST8 single pole, 1 set = 2 pieces | 1 set | 21 g |
| 1.000.148 | W229283 | cover for cable terminal connection for 00.ST9 triple pole, 1 set = 2 pieces | 1 set | 43 g |

Installation devices



1.000.151



1.000.152

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.151 | B229288 | adapter for installation between DIN-rails in accordance with EN 60715, DIN-rail distance 125mm for 00.ST8 single pole | 1 piece | 80 g |
| 1.000.152 | C229289 | adapter for installation between DIN-rails in accordance with EN 60715, DIN-rail distance 150mm for 00.ST8 single pole | 1 piece | 0.14 kg |

MULTIBLOC® 00.ST8

ACCESSORIES

Size 00 160A, 690VAC Bottom Fitting, 1-,2-,4-pole



MZ00HD

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| MZ00HD | V1022989 | indicator for switch door position micro switch 1 "a" contact/ 1 "b" contact, 5 A, 250 V for MULTIBLOC® 00.ST8 1-, 2-, 4-pole | 1 piece | 90 g |



1.000.155

Locking and sealing devices/cover sealing device

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.155 | L229297 | cover sealing device-installation set for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 1 piece | 10 g |



1.000.150

Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.150 | K229296 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 1 set | 20 g |



00SZS



00SZESK

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50 -95 mm ² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm ² 1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZSV6 | K1022957 | V-shaped lug size 00, M8, for V-terminal clamp size 00 for switch gear size 00 with screw terminal supplementary set for V-terminal with V-terminal clamps 1 set = 3 pieces | 1 set | 0.13 kg |



1.003.433



00SZSV6

Neutral conductor

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 00SZNS | A1023086 | neutral conductor support for lateral installation either left or right side of MULTIBLOC® size 00 cable termination clamp strap Cu 4-70 mm ² round stranded/round solid | 1 piece | 83 g |



00SZNS

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

MULTIBLOC® 00.ST9

PRODUCT RANGE

Size 00, 160A, 690VAC, Design for Bottom Fitting, Triple Pole

MULTIBLOC® 00.ST9 size 00 160A, 690VAC bottom fitting, triple pole



2.030.000



2.030.100



2.030.200

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|---|--|---------|---------|
| 2.030.000 | P1023007 | 3 | 6 M8 terminal screws | - | 1 piece | 0.75 kg |
| 2.030.100 | V1023012 | 3 | 6 M8 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage = 525VAC) | 1 piece | 0.86 kg |
| 2.030.200 | C1023042 | 3 | 6 M8 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 1.39 kg |
| 2.030.300 | D1023043 | 3 | 6 M8 terminal screws | fixed window to protect against unauthorized connection | 1 piece | 0.75 kg |
| 2.031.000 | E1023044 | 3 | 6 clamp straps Cu 4-70mm ² | - | 1 piece | 0.75 kg |
| 2.031.300 | F1023045 | 3 | 6 clamp straps Cu 4-70mm ² | fixed window to protect against unauthorized connection | 1 piece | 0.75 kg |
| 2.032.000 | G1023046 | 3 | 6 Al/Cu clamps 1,5-70 mm ² round stranded, 95 mm ² sectoral solid | - | 1 piece | 0.85 kg |
| 2.033.000 | H1023047 | 3 | 6 frame clamps Cu 2,5-70 mm ² factory assembled | - | 1 piece | 0.7 kg |
| 2.034.000 | J1023048 | 3 | 3 M8 terminal screws, 3 clamp straps Cu 4-70mm ² | - | 1 piece | 0.75 kg |
| 2.035.000 | K1023049 | 3 | 3 M8 terminal screws 3 Al/Cu clamps 1,5-70 mm ² round stranded, 95 mm ² sectoral solid | - | 1 piece | 0.75 kg |

MULTIBLOC® 00.ST9

ACCESSORIES

Size 00, 160A, 690VAC, Design for Bottom Fitting, Triple Pole



1.000.126

1.003.431



1.002.874



1.000.127



1.000.128



1.000.148



1.000.153



1.000.154



1.000.852

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.126 | Y229285 | cover shield for installation in distribution units size (width x height): 123 x 190 mm for one 00.ST9/00.RST9 | 1 piece | 22 g |
| 1.003.431 | N1022960 | cover shield for installation in distribution units size (width x height): 123 x 210 mm for one 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.874 | S1022964 | cover shield for installation in distribution units size (width x height): 231 x 210 mm for two 00.ST9/00.RST9 | 1 piece | 57 g |
| 1.000.127 | Z229286 | cover shield for installation in distribution units size (width x height): 231 x 190 mm for two 00.ST9/00.RST9 | 1 piece | 46 g |
| 1.000.128 | A229287 | cover shield for installation in distribution units size (width x height): 339 x 190 mm for three 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.870 | R1022963 | cover shield for installation in distribution units size (width x height) 231 x 210 mm for one 00.ST9/00.RST9 + lateral spare way cover right side | 1 piece | 95 g |

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.148 | W229283 | cover for cable terminal connection for 00.ST9 triple pole, 1 set = 2 pieces | 1 set | 43 g |

Installation devices

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.153 | C229887 | adapter for installation between DIN-rails in accordance with EN 60715, DIN-rail distance 125mm for 00.ST9 triple pole | 1 piece | 0.24 kg |
| 1.000.154 | D229888 | adapter for installation between DIN-rails in accordance with EN 60715, DIN-rail distance 150mm for 00.ST9 triple pole | 1 piece | 0.29 kg |

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

MULTIBLOC® 00.ST9

ACCESSORIES

Size 00, 160A, 690VAC, Design for Bottom Fitting, Triple Pole



Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50–95 mm ² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm ² 1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZSV6 | K1022957 | V-shaped lug size 00, M8, for V-terminal clamp size 00 for switch gear size 00 with screw terminal supplementary set for V-terminal with V-terminal clamps 1 set = 3 pieces | 1 set | 0.13 kg |

Neutral conductor



| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 00SZNS | A1023086 | neutral conductor support for lateral installation either left or right side of MULTIBLOC® size 00 cable termination clamp strap Cu 4-70 mm ² round stranded/round solid | 1 piece | 83 g |

MULTIBLOC® 00.RST9

PRODUCT RANGE

Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole



MULTIBLOC® 00.RST9 size 00 160A, bus bar installation 40mm, triple pole

| Catalog number | Item number | Poles | Bus bar installation | Cable termination components | Package | Weight |
|----------------|-------------|-------|----------------------|---|---------|---------|
| 2.074.000 | W1022990 | 3 | 40 mm clamping bar | 3 M8 terminal screws 3 clamp straps 4-70 mm ² | 1 piece | 1.06 kg |

MULTIBLOC® 00.RST9

PRODUCT RANGE

Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole

MULTIBLOC® 00.RST9 size 00 160A, bus bar installation 60mm, triple pole



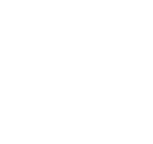
3.084.000



3.083.000



3.084.300



3.083.300



3.084.100



3.084.200

| Catalog number | Item number | Poles | Bus bar installation | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|----------------------|--|--|---------|---------|
| 3.084.000 | Z1022993 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | - | 1 piece | 0.93 kg |
| 3.083.000 | X1022991 | 3 | 60 mm snap on | 3 frame clamps Cu 2,5-70 mm ² factory assembled | - | 1 piece | 0.88 kg |
| 3.084.300 | D1022997 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | fixed window to protect against unauthorized connection | 1 piece | 0.88 kg |
| 3.083.300 | Y1022992 | 3 | 60 mm snap on | 3 frame clamps Cu 2,5-70 mm ² factory assembled | fixed window to protect against unauthorized connection | 1 piece | 0.88 kg |
| 3.084.100 | B1022995 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | with electronic fuse monitoring ESU installed (rated voltage = 525VAC) | 1 piece | 0.96 kg |
| 3.084.200 | C1022996 | 3 | 60 mm snap on | 3 M8 terminal screws 3 clamp straps 4–70 mm ² | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 1.46 kg |

MULTIBLOC® 00.RST9

ACCESSORIES

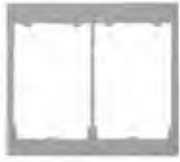
Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole



1.000.126



1.003.431



1.002.874



1.000.127



1.000.128



1.000.148



1.000.852



1.000.157

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.126 | Y229285 | cover shield for installation in distribution units size (width x height): 123 x 190 mm for one 00.ST9/00.RST9 | 1 piece | 22 g |
| 1.003.431 | N1022960 | cover shield for installation in distribution units size (width x height): 123 x 210 mm for one 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.874 | S1022964 | cover shield for installation in distribution units size (width x height): 231 x 210 mm for two 00.ST9/00.RST9 | 1 piece | 57 g |
| 1.000.127 | Z229286 | cover shield for installation in distribution units size (width x height): 231 x 190 mm for two 00.ST9/00.RST9 | 1 piece | 46 g |
| 1.000.128 | A229287 | cover shield for installation in distribution units size (width x height): 339 x 190 mm for three 00.ST9/00.RST9 | 1 piece | 30 g |
| 1.002.870 | R1022963 | cover shield for installation in distribution units size (width x height) 231 x 210 mm for one 00.ST9/00.RST9 + lateral spare way cover right side | 1 piece | 95 g |

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.148 | W229283 | cover for cable terminal connection for 00.ST9 triple pole, 1 set = 2 pieces | 1 set | 43 g |
| 1.003.325 | F1023114 | bus bar touch protection for 00.RST9 | 1 piece | 25 g |

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |
| 1.000.157 | S1022987 | indicator for switch door position micro switch 1 "a" contact/ 1 "b" contact, 5 A, 250 V for MULTIBLOC® 00.RST9 for 40 mm bus bar system | 1 piece | 0.1 kg |

MULTIBLOC® 00.RST9

ACCESSORIES

Size 00, 160A, 690VAC, Design for bus bar installation, Triple Pole

Varieties of cable termination



| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50–95 mm ² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm ² 1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZSV6 | K1022957 | V-shaped lug size 00, M8, for V-terminal clamp size 00 for switch gear size 00 with screw terminal supplementary set for V-terminal with V-terminal clamps 1 set = 3 pieces | 1 set | 0.13 kg |

MULTIBLOC® 1.ST8

PRODUCT RANGE

Size 1, 250A, 690VAC, Design for Bottom Fitting, 1,-2,-3,-4-pole

MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, single pole



| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|------------------------------|--|---------|---------|
| 1.000.388 | Q229876 | 1 | 2 M10 terminal screws | - | 1 piece | 1 kg |
| 1.001.818 | S1023056 | 1 | 2 M10 terminal screws | for direct installation on to bus bars with M10 screws | 1 piece | 0.91 kg |



MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, double pole



| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|----------------|-------------|-------|------------------------------|---------|---------|
| 1.000.397 | R229877 | 2 | 4 M10 terminal screws | 1 piece | 2.06 kg |

MULTIBLOC® 1.ST8

PRODUCT RANGE

Size 1, 250A, 690VAC, Design for Bottom Fitting, 1-,2-,3-,4-pole

MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, triple pole



1.000.299



1.002.711

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|--|--|---------|---------|
| 1.000.299 | S229878 | 3 | 6 M10 terminal screws | - | 1 piece | 2.42 kg |
| 1.001.239 | V1023058 | 3 | 3 clamp straps 70–150 mm ² 3 M10 terminal screws | - | 1 piece | 2.42 kg |
| 1.002.562 | W1023059 | 3 | 6 clamp straps 70-150 mm ² | - | 1 piece | 2.42 kg |
| 1.002.711 | X1023060 | 3 | 6 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage=525VAC) | 1 piece | 2.64 kg |
| 1.000.831 | T1023057 | 3 | 6 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 3.13 kg |



1.000.405

MULTIBLOC® 1.ST8 size 1 250A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|------------------------------|---|---------|---------|
| 1.000.405 | Y1023061 | 4 | 8 M10 terminal screws | - | 1 piece | 3.4 kg |
| 1.002.378 | V1002128 | 4 | 8 M10 terminal screws | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 3.55 kg |

ACCESSORIES



1.000.353



1.002.351

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.353 | Z229884 | cover shield for installation in distribution units size (width x height): 210 x 260 mm for one 1.ST8/1.RST8 triple pole | 1 piece | 68 g |
| 1.002.351 | X1022968 | cover shield for installation in distribution units size (width x height): 230 x 283 mm for one 1.ST8/1.RST8 triple pole | 1 piece | 90 g |

MULTIBLOC® 1.ST8

ACCESSORIES

Size 1, 250A, 690VAC, Design for Bottom Fitting, 1-,2-,3-,4-pole



1.000.354



1.003.402



1.002.592



1.002.501



1.000.383



1.000.384



1.000.402



1.000.403



1.000.852

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.000.354 | W229881 | cover for cable terminal connection for 1.ST8 single pole, 1 set = 2 pieces | 1 set | 0.19 kg |
| 1.000.382 | V229880 | cover for cable terminal connection for 1.ST8 triple pole, 1 set = 2 pieces | 1 set | 0.29 kg |
| 1.003.402 | M1022982 | cover for cable terminal connection for 1.ST8 quadruple pole | 1 piece | 0.13 kg |
| 1.002.592 | G1023437 | bus bar touch protection for bus bar adapter size 1, 1 set = 2 pieces | 1 set | 0.20 kg |

Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.002.501 | C1023088 | bus bar adapter size 1 with clamp terminal for MULTIBLOC® 1.ST8 triple pole for bus bar system 100 mm | 1 piece | 1.23 kg |

Installation devices

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.383 | E229291 | adapter for installation on to DIN-rails in accordance with EN 60 715-150 mm for 1.ST8 triple pole | 1 piece | 3.1 kg |
| 1.000.384 | D229290 | adapter for installation on to DIN-rails in accordance with EN 60 715-125 mm for 1.ST8 triple pole | 1 piece | 3.1 kg |
| 1.000.402 | A229885 | adapter for installation on to DIN-rails in accordance with EN 60 715-125 mm for 1.ST8 single pole | 1 piece | 0.16 kg |
| 1.000.403 | B229886 | adapter for installation on to DIN-rails in accordance with EN 60 715-150 mm for 1.ST8 single pole | 1 piece | 0.19 kg |

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

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MULTIBLOC® 1.ST8

ACCESSORIES

Size 1, 250A, 690VAC, Design for Bottom Fitting, 1-,2-,3-,4-pole



1.000.155

Locking and sealing devices/cover sealing device

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.155 | L229297 | cover sealing device-installation set for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 1 piece | 10 g |



1.000.150

Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.150 | K229296 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 1 set | 20 g |



1.000.420

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.420 | E229889 | clamp strap 70–150 mm ² for 1.ST8 1- 4-pole + 1.RST8, 1 set = 3 pieces | 1 set | 0.14 kg |
| 1.001.830 | J1023117 | V-shaped lug size 1, M8, for V-terminal clamp size 1 for 1.ST8 1- to 4-pole + 1.RST8, supplementary set for V-terminal with use of V-clamps 1 set = 3 pieces | 1 set | 90 g |



1.001.830

MULTIBLOC® 1.RST8

PRODUCT RANGE

Size 1, 250A, 690VAC, Design for bus bar installation, Triple Pole

MULTIBLOC® 1.RST8 size 1 250A, 690VAC bus bar installation, triple pole



1.000.323



1.000.855

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|---------------------------------------|--|---------|---------|
| 1.000.323 | T229879 | 3 | 3 M10 terminal screws | - | 1 piece | 3.09 kg |
| 1.001.294 | Q1023054 | 3 | 3 clamp straps 70–150 mm ² | - | 1 piece | 3.06 kg |
| 1.003.134 | R1023055 | 3 | 3 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage = 525VAC) | 1 piece | 3.14 kg |
| 1.000.855 | M1023051 | 3 | 3 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 3.8 kg |
| 1.000.936 | P1023053 | 3 | 6 M10 terminal screws | main incomer | 1 piece | 4.68 kg |

MULTIBLOC® 1.RST8

ACCESSORIES

Size 1, 250A, 690VAC, Design for bus bar installation, Triple Pole



1.000.353



1.002.351

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.353 | Z229884 | cover shield for installation in distribution units size (width x height): 210 x 260 mm for one 1.ST8/1.RST8 triple pole | 1 piece | 68 g |
| 1.002.351 | X1022968 | cover shield for installation in distribution units size (width x height): 230 x 283 mm for one 1.ST8/1.RST8 triple pole | 1 piece | 90 g |



1.000.382

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.000.382 | V229880 | cover for cable terminal connection for 1.ST8 triple pole, 1 set = 2 pieces | 1 set | 0.29 kg |
| 1.003.329 | G1023115 | bus bar touch protection for 1.RST8 | 1 piece | 82 g |



1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



1.000.155

Locking and sealing devices/cover sealing device

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.155 | L229297 | cover sealing device-installation set for 00.ST8 1-, 2-, 4-pole and 1.ST8/RST8 | 1 piece | 10 g |



1.000.150

Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.150 | K229296 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 1 set | 20 g |



1.000.420

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.420 | E229889 | clamp strap 70–150 mm ² for 1.ST8 1- 4-pole + 1.RST8, 1 set = 3 pieces | 1 set | 0.14 kg |
| 1.001.830 | J1023117 | V-shaped lug size 1, M8, for V-terminal clamp size 1 for 1.ST8 1- to 4-pole + 1.RST8, supplementary set for V-terminal with use of V-clamps 1 set = 3 pieces | 1 set | 90 g |



1.001.830

MULTIBLOC® 2.ST8

PRODUCT RANGE

Size 2, 400A, 690VAC, Design for Bottom Fitting, 3-,4-pole

MULTIBLOC® 2.ST8 size 2 400A, 690VAC bottom fitting, triple pole



1.000.504



1.002.712

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|---|--|---------|---------|
| 1.000.504 | W1002129 | 3 | 6 M10 terminal screws | - | 1 piece | 3.5 kg |
| 1.001.240 | F1023068 | 3 | 3 clamp straps 120–240 mm ² 3 M10 terminal screws | - | 1 piece | 3.5 kg |
| 1.002.563 | G1023069 | 3 | 6 clamp straps 120–240 mm ² | - | 1 piece | 3.5 kg |
| 1.002.712 | H1023070 | 3 | 6 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage=525VAC) | 1 piece | 3.6 kg |
| 1.000.832 | E1023067 | 3 | 6 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 4.25 kg |



1.001.688

MULTIBLOC® 2.ST8 size 2 400A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|------------------------------|---|---------|---------|
| 1.001.688 | J1023071 | 4 | 8 M10 terminal screws | - | 1 piece | 5.04 kg |
| 1.002.379 | Y1002131 | 4 | 8 M10 terminal screws | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 5.26 kg |

ACCESSORIES



1.000.863

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.863 | V1002174 | cover shield for installation in distribution units size (width x height): 230 x 300 mm for one 2.ST8/2.RST8 triple pole | 1 piece | 0.10 kg |
| 1.002.352 | Y1022969 | cover shield for installation in distribution units size (width x height): 234 x 310 mm for one 2.ST8/2.RST8 triple pole | 1 piece | 0.11 kg |



1.003.255

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.003.255 | K1022980 | cover for cable terminal connection for 2.ST8 quadruple pole | 1 piece | 0.16 kg |
| 1.000.861 | N1002168 | cover for cable terminal connection for 2.ST8 triple pole, 1 set = 2 pieces | 1 set | 0.31 kg |
| 1.002.593 | J1023439 | bus bar touch protection for bus bar adapter size 2, 1 set = 2 pieces | 1 set | 0.26 kg |



1.002.593

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MULTIBLOC® 2.ST8

ACCESSORIES

Size 2, 400A, 690VAC, Design for Bottom Fitting, 3-,4-pole



1.002.502

Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.002.502 | C1023111 | bus bar adapter size 2 with clamp terminal for MULTIBLOC® 2.ST8 triple pole for bus bar system 100 mm | 1 piece | 1.25 kg |



1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



1.000.150

Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.150 | K229296 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 1 set | 20 g |



Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.001.237 | B1002180 | clamp strap size 2 120–240 mm ² , 1 set = 3 pieces | 1 set | 0.26 kg |
| 13SZAV6 | K1023118 | V-terminal size 1,2,3; M12, for V-terminal clamps size 1,2,3 for MULTIBLOC® size 2 supplementary set for V-terminal with use of V-clamps 1 set = 3 pieces | 1 set | 0.27 kg |
| 13SZAD6 | A1022971 | M12 terminal lugs for M12 double terminal for MULTIBLOC® size 2 and 3 1 set = 3 pieces | 1 set | 0.26 kg |

MULTIBLOC® 2.RST8

PRODUCT RANGE

Size 2, 400A, 690VAC, Design for bus bar installation, Triple Pole



1.003.135

MULTIBLOC® 2.RST8 size 2 400A, 690VAC bus bar installation, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|--|--|---------|---------|
| 1.000.704 | M1002167 | 3 | 3 M10 terminal screws | - | 1 piece | 4.77 kg |
| 1.001.295 | C1023065 | 3 | 3 clamp straps 120–240 mm ² | - | 1 piece | 4.61 kg |
| 1.003.135 | D1023066 | 3 | 3 M10 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage = 525VAC) | 1 piece | 4.6 kg |
| 1.000.856 | Z1023062 | 3 | 3 M10 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 5.28 kg |
| 1.001.028 | A1023063 | 3 | 6 M10 terminal screws | main incomer | 1 piece | 5.74 kg |

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MULTIBLOC® 2.RST8

ACCESSORIES

Size 2, 400A, 690VAC, Design for bus bar installation, Triple Pole



1.000.863

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.863 | V1002174 | cover shield for installation in distribution units size (width x height): 230 x 300 mm for one 2.ST8/2.RST8 triple pole | 1 piece | 0.10 kg |
| 1.002.352 | Y1022969 | cover shield for installation in distribution units size (width x height): 234 x 310 mm for one 2.ST8/2.RST8 triple pole | 1 piece | 0.11 kg |



1.003.347

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.000.861 | N1002168 | cover for cable terminal connection for 2.ST8 triple pole, 1 set = 2 pieces | 1 set | 0.31 kg |
| 1.003.347 | H1023116 | bus bar touch protection for 2.RST8 | 1 piece | 97 g |



1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



1.000.150

Locking and sealing devices/locking device for window

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.150 | K229296 | locking device for window for 00.ST8 1-, 2-, 4-pole and 1./2.ST8/RST8 1 set = 3 pieces | 1 set | 20 g |



1.001.237



13SZAV6



13SZAD6

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.001.237 | B1002180 | clamp strap size 2 120–240 mm ² , 1 set = 3 pieces | 1 set | 0.26 kg |
| 13SZAV6 | K1023118 | V-terminal size 1,2,3; M12, for V-terminal clamps size 1,2,3 for MULTIBLOC® size 2 supplementary set for V-terminal with use of V-clamps 1 set = 3 pieces | 1 set | 0.27 kg |
| 13SZAD6 | A1022971 | M12 terminal lugs for M12 double terminal for MULTIBLOC® size 2 and 3 1 set = 3 pieces | 1 set | 0.26 kg |

MULTIBLOC® 3.ST8

PRODUCT RANGE

Size 3, 630A, 690VAC, Design for Bottom Fitting, 3-,4-pole

MULTIBLOC® 3.ST8 size 3 630A, 690VAC bottom fitting, triple pole



1.001.125



1.002.713

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|---|--|---------|---------|
| 1.001.125 | C1002135 | 3 | 6 M12 terminal screws | - | 1 piece | 4.94 kg |
| 1.001.241 | L1023073 | 3 | 3 clamp straps 150–300 mm ² 3 M12 terminal screws | - | 1 piece | 5.13 kg |
| 1.002.713 | M1023074 | 3 | 6 M12 terminal screws | with electronic fuse monitoring ESÜ installed (rated voltage=525VAC) | 1 piece | 5.5 kg |
| 1.001.150 | K1023072 | 3 | 6 M12 terminal screws | with electro-mechanic fuse monitoring MZS installed (galvanic isolation) | 1 piece | 5.74 kg |



1.001.904

MULTIBLOC® 3.ST8 size 3 630A, 690VAC bottom fitting, quadruple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|------------------------------|---|---------|---------|
| 1.001.904 | N1023075 | 4 | 8 M12 terminal screws | - | 1 piece | 7.44 kg |
| 1.002.661 | P1023076 | 4 | 8 M12 terminal screws | with ready fitted special solid link as neutral conductor in pole 4 for leading and lagging switching | 1 piece | 7.71 kg |

ACCESSORIES



1.002.353

Cover shields

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.002.353 | W1002175 | cover shield for installation in distribution units size (width x height): 287 x 330 mm for one 3.ST8 triple pole | 1 piece | 0.13 kg |



1.000.893

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.000.893 | P1002169 | cover for cable terminal connection for 3.ST8 triple pole, 1 set = 2 pieces | 1 set | 0.50 kg |
| 1.003.319 | L1022981 | cover for cable terminal connection for 3.ST8 quadruple pole | 1 piece | 0.25 kg |



1.003.319

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MULTIBLOC® 3.ST8

ACCESSORIES

Size 3, 630A, 690VAC, Design for Bottom Fitting, 3-,4-pole



1.002.490

Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.002.490 | D1023112 | bus bar adapter size 3 with clamp terminal for MULTIBLOC® 3.ST8 triple pole for bus bar system 60 mm | 1 piece | 1.17 kg |
| 1.002.503 | E1023113 | bus bar adapter size 3 with clamp terminal for MULTIBLOC® 3.ST8 triple pole for bus bar system 100 mm | 1 piece | 1.28 kg |



1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



1.001.238

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.001.238 | C1002181 | clamp strap size 3 150–300 mm ² , 1 set = 3 pieces | 1 set | 0.32 kg |
| 13SZAD6 | A1022971 | M12 terminal lugs for M12 double terminal for MULTIBLOC® size 2 and 3 1 set = 3 pieces | 1 set | 0.26 kg |

MULTIBLOC® 4a.ST8

PRODUCT RANGE

Size 4a, 400VAC, 1250A, Design for Bottom Fitting, 1-, 3-pole



1.000.083

MULTIBLOC® 4a.ST8 size 4a 1250A, 400VAC bottom fitting, single pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|----------------|-------------|-------|------------------------------|---------|--------|
| 1.000.083 | T1023080 | 1 | M16 terminal screws | 1 piece | 4.1 kg |



1.000.089

MULTIBLOC® 4a.ST8 size 4a 1250A, 400VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|------------------------------|-----------------------|---------|---------|
| 1.000.089 | V1023081 | 3 | M16 terminal screws | single pole switching | 1 piece | 12.5 kg |
| 1.000.090 | W1023082 | 3 | M16 terminal screws | triple pole switching | 1 piece | 12.5 kg |

MULTIBLOC® 4a.ST8

Size 4a, 690VAC, 1600A, 690VAC, Design for Bottom Fitting, 1-, 3-pole



1.000.084

MULTIBLOC® 4a.ST8 size 4a 1600A, 690VAC bottom fitting, single pole

| Catalog number | Item number | Poles | Cable termination components | Package | Weight |
|----------------|-------------|-------|------------------------------|---------|--------|
| 1.000.084 | X1023083 | 1 | 2xM12 terminal screws | 1 piece | 5 kg |



1.000.091

MULTIBLOC® 4a.ST8 size 4a 1600A, 690VAC bottom fitting, triple pole

| Catalog number | Item number | Poles | Cable termination components | Design | Package | Weight |
|----------------|-------------|-------|------------------------------|-----------------------|---------|---------|
| 1.000.091 | Y1023084 | 3 | 2xM12 terminal screws | single pole switching | 1 piece | 13.7 kg |
| 1.000.092 | Z1023085 | 3 | 2xM12 terminal screws | triple pole switching | 1 piece | 13.9 kg |

MULTIVERT® 160A/60mm
Size 00, 690VAC, Triple Pole Switching

PRODUCT RANGE



1.000.909

MULTIVERT® 160 A size 00 60 mm bus bar system 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|--|---|---------|---------|
| 1.000.909 | E1002183 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | bottom terminal with cover shroud MZ00KH | 1 piece | 1.45 kg |
| 1.002.489 | Z1023154 | 3 frame clamps Cu 2,5-70 mm² | bottom terminal with cover shroud MZ00KH | 1 piece | 1.3 kg |
| 1.003.140 | A1023155 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | bottom terminal MULTIVERT® 1.000.909 with cabling of instrument leads | 1 piece | 1.5 kg |
| 1.003.307 | C1023157 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | top terminal with cover shroud MZ00KH | 1 piece | 1.5 kg |
| 1.003.308 | D1023158 | 3 M8 terminal screws/3 clamp straps 4-70 mm² | top terminal MULTIVERT® 1.003.307 with cabling of instrument leads | 1 piece | 1.5 kg |
| 1.003.309 | E1023159 | 3 frame clamps Cu 2,5-70 mm² | top terminal with cover shroud MZ00KH | 1 piece | 1.3 kg |

ACCESSORIES



MZ00KH



MZ00KA

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| MZ00KH | F1023298 | cover shroud length 106 mm for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |



MZAW

Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| MZ00AAD | X214081 | 2 piece adjustment, with integrated area for labeling to adapt to MULTIVERT® for 185 mm bus bar system | 1 set | 0.1 kg |
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 27 g |

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MULTIVERT® 160A/60mm

Size 00, 690VAC, Triple Pole Switching

ACCESSORIES



1.002.939



1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.002.939 | Y1023452 | electronic fuse monitoring ESU size 00 for MULTIVERT® 160 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00 for MULTIVERT® 160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



1.000.107



1.000.101

Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000.101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |



MZ00BT2

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|----------------------|---------|--------|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |



00SZS



00SZESK



1.003.433



00SZVK1

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4-70 mm² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1.5-70 mm² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50-95 mm² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm² 1 set = 3 pieces | 1 set | 0.14 kg |
| 00SZVK1 | D1023434 | V-terminal clamp size 00, 10-70 mm² round stranded, 35-95 mm² single stranded, 50-95 mm² single solid, M = 12 Nm | 30 | 0.4 kg |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |



1.000.098

MULTIVERT® 160A

PRODUCT RANGE

Size 00, 690VAC, Triple Pole Switching

MULTIVERT® 160 A size 00 100 mm bus bar system 1 x triple pole switching



1.000.900 1.000.903



1.000.905

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|---|---------|---------|
| 1.000.900 | F1002184 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.901 | X1023129 | 3 clamp straps Cu 4-70 mm ² | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.902 | Z1023131 | 3 Al/Cu clamps 1,5-70 mm ² | with cover shroud MZ00KH | 1 piece | 1.12 kg |
| 1.000.903 | A1023132 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.12 kg |
| 1.000.904 | B1023133 | 3 frame clamps Cu 2,5-70 mm ² | with cover shroud MZ00KH | 1 piece | 1.1 kg |
| 1.000.905 | G1002185 | 3 M8 terminal screws | MULTIVERT® 1.000.900 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.906 | C1023134 | 3 clamp straps Cu 4-70 mm ² | MULTIVERT® 1.000.901 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.907 | D1023135 | 3 Al/Cu clamps 1,5-70 mm ² | MULTIVERT® 1.000.902 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.000.908 | E1023136 | with V-terminal for V-terminal clamps size 00 | MULTIVERT® 1.000.903 with cabling of instrument leads | 1 piece | 1.47 kg |
| 1.002.437 | Y1023130 | 3 frame clamps Cu 2,5-70 mm ² | MULTIVERT® 1.000.904 with cabling of instrument leads | 1 piece | 1.18 kg |

MULTIVERT® 160 A size 00 185 mm bus bar system 1 x triple pole switching



1.001.339

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|------------------------------|--|---------|--------|
| 1.001.339 | Y1023153 | 3 M8 terminal screws | including adjustment cover art.no. MZ00AAD and adapter 1.001.298 | 1 piece | 1.8 kg |

ACCESSORIES

Cover/shrouds for cable termination



MZ00KH

MZ00KA

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| MZ00KH | F1023298 | cover shroud length 106 mm for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |

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MULTIVERT® 160A

Size 00, 690VAC, Triple Pole Switching

ACCESSORIES



MZAW

Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| MZ00AAD | X214081 | 2 piece adjustment, with integrated area for labeling to adapt to MULTIVERT® for 185 mm bus bar system | 1 set | 0.1 kg |
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 27 g |



MZ00LPAP

MZ01LPAP

1.002.493

Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|-----------------------|---------|---------|
| MZ00LPAP | B1023409 | spare way cover without level adjustment width 50 mm, length 320 mm for single adapter MZ00ESA and double adapter MZ00DSA including fixing material | bus bar system 100 mm | 1 piece | 50 g |
| MZ01LPAP | C1023410 | spare way cover without level adjustment width 50 mm, length 500 mm including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| 1.002.493 | N1002283 | spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.830 | E1023412 | spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |



1.002.830



OOSZRK3



1.002.646

Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| OOSZRK3 | K215105 | hooked clamp size 00, M = 5 Nm 1 set = 3 pieces | 1 set | 0.10 kg |
| 1.002.646 | W1023450 | M10 insert nut, size 00 1 set = 30 pieces | 1 set | 0.12 kg |

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MULTIVERT® 160A

Size 00, 690VAC, Triple Pole Switching

ACCESSORIES



1.001.289 1.001.298

Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|----------------------------------|---------|---------|
| 1.001.289 | C1023295 | single adapter 100/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.56 kg |
| 1.001.298 | Y1023291 | double adapter 100/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.8 kg |



MZ00DSA MZ00ESA MZ00ESAECO

Adapter für installation on to bus bars with screw terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|----------------------------------|---------|---------|
| MZ00DSA | C217145 | double adapter 100/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.71 kg |
| MZ00ESA | Q216628 | single adapter 100/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.51 kg |
| MZ00ESAECO | D1023296 | Single adapter 100/185 mm to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/100 mm 1x3-pole | 1 piece | 0.19 kg |

Indication facilities



1.002.939



1.000.852

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.002.939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT® 160 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00 for MULTIVERT® 160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

MULTIVERT® 160A

Size 00, 690VAC, Triple Pole Switching

ACCESSORIES



1.000.107



1.000.101

Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000.101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |

1.000.119 +
1.000.1231.000.120 +
1.000.124

Current transformers in combination with adapter

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.121 | F1024609 | current transformer for adapter for single pole measurement up to 100/5A, class 1 set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.51 kg |
| 1.000.123 | H1024611 | current transformer for adapter for single pole measurement up to 150/5A, class 1 set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.52 kg |
| 1.000.122 | G1024610 | current transformer for adapter for triple pole measurement up to 100/5A, class 1 set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.78 kg |
| 1.000.124 | J1024612 | current transformer for adapter for triple pole measurement up to 150/5A, class 1 set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.81 kg |
| 1.000.125 | V1024599 | distance tube for adapter for level adjustment supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.37 kg |
| 1.000.117 | R1023446 | single adapter 100/185 mm for circuit transformer | 1 piece | 0.34 kg |
| 1.000.119 | A1023293 | double adapter 100/185 mm for circuit transformer | 1 piece | 0.58 kg |
| 1.000.120 | B1023294 | double adapter 185/185 mm for circuit transformer | 1 piece | 0.56 kg |

MULTIVERT® 160A

Size 00, 690VAC, Triple Pole Switching

ACCESSORIES



MZ003SW100



SZ1SW150



MZ00PR150

Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| MZ001SW100 | C1024606 | current transformer up to 100 A for single pole measurement between bus bar and MULTIVERT® set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ001SW150 | E1024608 | current transformer up to 150 A for single pole measurement between bus bar and MULTIVERT® set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ003SW100 | B1024605 | current transformer up to 100/5A for triple pole measurement between bus bar and MULTIVERT®, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.84 kg |
| MZ003SW150 | D1024607 | current transformer up to 150/5A for triple pole measurement between bus bar and MULTIVERT®, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.85 kg |
| SZ1SW100 | H1024565 | current transformer up to 100/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.32 kg |
| SZ1SW150 | J1024566 | current transformer up to 150/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.33 kg |
| MZ00PR150 | R1024596 | distance tube for level adjustment, up to 150/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.4 kg |



MZ00BT2

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|----------------------|---------|--------|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |

MULTIVERT® 160A

ACCESSORIES

Size 00, 690VAC, Triple Pole Switching

Varieties of cable termination



| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50–95 mm ² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm ² 1 set = 3 pieces | 1 set | 140 g |
| 00SZVK1 | D1023434 | V-terminal clamp size 00, 10–70 mm ² round stranded, 10–95 mm ² round solid, 35–95 mm ² single stranded, 50–95 mm ² single solid, M = 12 Nm | 30 | 400 g |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

MULTIVERT® 160A/185mm

PRODUCT RANGE

Size 00, 690VAC, single pole switching

MULTIVERT® 160 A size 00 185 mm 3 x single pole switching



M01N0G 1.001.725

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|---|---------|---------|
| M01N0G | Y228756 | 3 M8 terminal screws | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| M01S0G | X1023152 | 3 clamp straps Cu 4-70 mm ² | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| M01A0G | Q1023146 | 3 Al/Cu clamps 1,5-70 mm ² | with cover shroud MZ00KH | 1 piece | 1.9 kg |
| 1.000.910 | G1023138 | with V-terminal for V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.9 kg |
| 1.001.725 | M1023143 | V-terminal with 3 V-terminal clamps size 00 | with cover shroud 1.000.915 | 1 piece | 1.1 kg |
| M01N0E11G | R1023147 | 3 M8 terminal screws | MULTIVERT® M01N0G with cabling of instrument leads | 1 piece | 2.25 kg |
| M01S0E11G | W1023151 | 3 clamp straps Cu 4-70 mm ² | MULTIVERT® M01S0G with cabling of instrument leads | 1 piece | 2.25 kg |
| M01A0E11G | P1023145 | 3 Al/Cu clamps 1,5-70 mm ² | MULTIVERT® M01A0G with cabling of instrument leads | 1 piece | 2.25 kg |
| 1.000.911 | L1023142 | with V-terminal for V-terminal clamps size 00 | MULTIVERT® 1.000.910 with cabling of instrument leads | 1 piece | 2.25 kg |



M01N0E11G

MULTIVERT® 160A/185mm

Size 00, 690VAC, single pole switching

ACCESSORIES



Cover/shrouds for cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| MZ00KH | F1023298 | cover shroud length 106 mm for MULTIVERT®/BSL 160 A | 1 piece | 20 g |
| MZ00KA | L1023464 | extended cover shroud for cover shroud MZ00KH | 1 piece | 40 g |
| 1.000.915 | H1023300 | cover shroud for MULTIVERT®/BSL 160 A with V-terminal | 1 piece | 50 g |
| MZ00KAD | G1023299 | cover shroud length 156 mm for MULTIVERT®/BSL 160 A | 1 piece | 60 g |



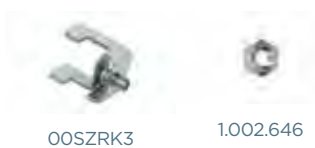
Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| MZ01AS | F228763 | adjustment to adapt to MULTIVERT® 250 A, 400 A, 630 A (top terminal) | 1 piece | 10 g |
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 27 g |



Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|--------------------------|---------|--------|
| MZ01LPAP | C1023410 | spare way cover without level adjustment width 50 mm, length 500 mm including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| 1.002.493 | N1002283 | spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 140 g |
| 1.002.830 | E1023412 | spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 200 g |



Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| OOSZRK3 | K215105 | hooked clamp size 00, M = 5 Nm 1 set = 3 pieces | 1 set | 100 g |
| 1.002.646 | W1023450 | M10 insert nut, size 00 1 set = 30 pieces | 1 set | 120 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

MULTIVERT® 160A/185mm
Size 00, 690VAC, single pole switching

ACCESSORIES



1.001.300

Adapter für installation on to bus bars with clamp terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|----------------------------------|---------|---------|
| 1.001.300 | Z1023292 | double adapter 185/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT 250 A, 400 A, 630 A | MULTIVERT® 160 A/185 mm 3x1-pole | 1 piece | 0.75 kg |



MZ01DSA MZ01ESA

Adapter für installation on to bus bars with screw terminal

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|----------------------------------|---------|---------|
| MZ01DSA | G228764 | double adapter 185/185 mm with increased touch protection to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/185 mm 1x3-pole | 1 piece | 0.7 kg |
| MZ01ESA | H228765 | single adapter 185/185 mm (for installation of MULTIVERT®/BSL with screws M8) to obtain uniform profile in height for combined installation with MULTIVERT®/BSL 250 A, 400 A, 630 A | MULTIVERT® 160 A/185 mm 1x3-pole | 1 piece | 0.39 kg |

Indication facilities



1.002.939



3 x MZHD

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.939 | Y1023452 | electronic fuse monitoring ESÜ size 00 for MULTIVERT® 160 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.66 kg |
| MZ00ESM | D228761 | Electronic System Monitor ESM size 00 for MULTIVERT® 160 A with cabling of instrument leads | 1 piece | 0.35 kg |
| MZHD | M1023442 | indicator for switch door position 1 "a" contact/ 1 "b" contact, 5 A, 250 V for MULTIVERT® 160 A/bus bar system 185 mm 3 x single pole switching | 1 piece | 0.01 kg |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

MULTIVERT® 160A/185mm

Size 00, 690VAC, single pole switching

ACCESSORIES



1.000.107



1.000.101

Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.106 | R1023285 | size 00, 100 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.107 | S1023286 | size 00, 150 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 0.34 kg |
| 1.000.100 | K1023279 | size 00, 100 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |
| 1.000.101 | L1023280 | size 00, 150 A, with drag indicator, single pole measurement | 1 piece | 0.34 kg |

1.000.119 +
1.000.1231.000.120 +
1.000.124

Current transformers in combination with adapter

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.000.121 | F1024609 | current transformer for adapter for single pole measurement up to 100/5A, class 1 set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.51 kg |
| 1.000.123 | H1024611 | current transformer for adapter for single pole measurement up to 150/5A, class 1 set = 1 piece current transformer + 3 pieces distance tubes art. no. 1.000.125 for level adjustment, 1 piece installed, 2 pieces additionally packed | 1 set | 0.52 kg |
| 1.000.122 | G1024610 | current transformer for adapter for triple pole measurement up to 100/5A, class 1 set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.78 kg |
| 1.000.124 | J1024612 | current transformer for adapter for triple pole measurement up to 150/5A, class 1 set = 3 pieces current transformer with distance tubes art.no. 1.000.125 for level adjustment 3 pieces installed | 1 set | 0.81 kg |
| 1.000.125 | V1024599 | distance tube for adapter for level adjustment supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.37 kg |
| 1.000.117 | R1023446 | single adapter 100/185 mm for circuit transformer | 1 piece | 0.34 kg |
| 1.000.119 | A1023293 | double adapter 100/185 mm for circuit transformer | 1 piece | 0.58 kg |
| 1.000.120 | B1023294 | double adapter 185/185 mm for circuit transformer | 1 piece | 0.56 kg |

MULTIVERT®
MULTIBLOC®

MULTIVERT® 160A/185mm

Size 00, 690VAC, single pole switching

ACCESSORIES



MZ003SW100



SZ1SW150



MZ00PR150

Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| MZ001SW100 | C1024606 | current transformer up to 100 A for single pole measurement between bus bar and MULTIVERT® set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ001SW150 | E1024608 | current transformer up to 150 A for single pole measurement between bus bar and MULTIVERT® set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.55 kg |
| MZ003SW100 | B1024605 | current transformer up to 100/5A for triple pole measurement between bus bar and MULTIVERT®, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.84 kg |
| MZ003SW150 | D1024607 | current transformer up to 150/5A for triple pole measurement between bus bar and MULTIVERT®, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.85 kg |
| SZ1SW100 | H1024565 | current transformer up to 100/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.32 kg |
| SZ1SW150 | J1024566 | current transformer up to 150/5A for single pole measurement between bus bars, class 1 (incoming and outgoing bar) | 1 piece | 0.33 kg |
| MZ00PR150 | R1024596 | distance tube for level adjustment, up to 150/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.4 kg |



MZ00BT2

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|----------------------|---------|--------|
| MZ00BT2 | K215611 | label holder size 00 | 1 piece | 10 g |

MULTIVERT® 160A/185mm

Size 00, 690VAC, single pole switching

ACCESSORIES

Varieties of cable termination



| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 00SZS | M229298 | M8 terminal screw for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZESK | E214594 | clamp strap Cu 4–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 35 g |
| 00SZA70 | R211523 | Al/Cu clamp 1,5–70 mm ² for switch gear size 00 1 set = 3 pieces | 1 set | 75 g |
| 1.003.571 | V1033684 | Al/Cu clamp 50–95 mm ² round stranded for switch gear size 00 1 set = 3 pieces | 1 set | 88 g |
| 1.003.433 | L1022958 | triple clamp per pole 1.5 up to 16 mm ² 1 set = 3 pieces | 1 set | 140 g |
| 00SZVK1 | D1023434 | V-terminal clamp size 00, 10–70 mm ² round stranded, 10–95 mm ² round solid, 35–95 mm ² single stranded, 50–95 mm ² single solid, M = 12 Nm | 30 | 400 g |
| 1.000.098 | E1023435 | insulation cap for V-terminal clamp size 00 | 12/120 | 2 g |

MULTIVERT®
MULTIBLOC®

MULTIVERT® 250A

Size 1, 690VAC

PRODUCT RANGE

MULTIVERT® 250 A size 1 185 mm 3 x single pole switching



| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| 1.100.000 | H1002186 | 3 M10 bolts | - | 1 piece | 4.52 kg |
| 1.110.000 | J1023163 | 3 M10 insert nuts | - | 1 piece | 4.46 kg |
| 1.120.000 | K1023164 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.38 kg |
| 1.120.900 | Q1023169 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 5.5 kg |
| 1.100.083 | N1023167 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,75 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 4.6 kg |
| 1.100.062 | L1023165 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,75 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 4.6 kg |
| 1.100.093 | P1023168 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,50 VA, class 1 for triple pole measurement | 1 piece | 5.3 kg |
| 1.100.072 | M1023166 | 3 M10 bolts | MULTIVERT® 1.100.000 with integrated C.T. 250/5A, 3,50 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.6 kg |

MULTIVERT® 250A

Size 1, 690VAC

PRODUCT RANGE

MULTIVERT® 250 A size 1 185 mm 1 x triple pole switching



1.150.000 1.170.000

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| 1.150.000 | L1002189 | 3 M10 bolts | - | 1 piece | 4.67 kg |
| 1.160.000 | S1023171 | 3 M10 insert nuts | - | 1 piece | 4.63 kg |
| 1.170.000 | H1023185 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.55 kg |
| 1.170.600 | K1023187 | V-terminal with 3 terminal clamps size 1,2,3 | - | 1 piece | 4.6 kg |
| 1.170.900 | M1023189 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 5.8 kg |
| 1.150.100 | P1002192 | 3 M10 bolts | MULTIVERT® 1.150.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.150.083 | R1023193 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,75 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 4.8 kg |
| 1.150.062 | N1023190 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,75 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 4.8 kg |
| 1.150.091 | S1023194 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 100/5A, 2,00 VA, class 1 for triple pole measurement | 1 piece | 5.4 kg |
| 1.150.093 | T1023195 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,50 VA, class 1 for triple pole measurement | 1 piece | 5.4 kg |
| 1.150.072 | P1023191 | 3 M10 bolts | MULTIVERT® 1.150.000 with integrated C.T. 250/5A, 3,50 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.8 kg |

MULTIVERT® 250A

Size 1, 690VAC

ACCESSORIES



1.002.095



1.002.458



MZKAB



MZKHO



MZKAB1



MZVHB



MZKHV

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------|---------|---------|
| 1.002.095 | J1002279 | cover shroud for extended cover length 70 mm | bottom terminal | 1 piece | 0.12 kg |
| 1.002.458 | N1023305 | cover shroud for multiple termination length 205,5mm | bottom terminal | 1 piece | 0.16 kg |
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.12 kg |
| MZVHB | L1023303 | extended cover shroud length 257 mm | top terminal | 1 piece | 0.23 kg |
| MZKHV | A1002202 | cover shroud for installation in distribution units with central cover (height of supporting edge reduced by 16 mm) length 145 mm | top terminal | 1 piece | 0.09 kg |

MULTIVERT®
MULTIBLOC®

1.001.510



MZAW

Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.001.510 | K1002280 | cover shield to support central cover 1 set = 2 pieces | 1 set | 0.15 kg |
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 0.03 kg |

MULTIVERT® 250A

Size 1, 690VAC

ACCESSORIES



MZ01LPAP MZLPAP 1.002.493



1.002.492 1.002.830 1.002.829



1.002.647 1.000.192

Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------------------|---------|---------|
| MZ01LPAP | C1023410 | spare way cover without level adjustment width 50 mm, length 500 mm including fixing material | bus bar system 185 mm | 1 piece | 0.06 kg |
| MZLPAP | D1023411 | spare way cover width 100 mm, length 612 mm including 2 pieces M12 fixing screws (distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.12 kg |
| 1.002.493 | N1002283 | spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover width 100 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover width 100 mm, length 630 mm with level adjustment 123 mm for bus bar installation set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |

Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.647 | S1023447 | M10 insert nut, size 1 1 set = 30 pieces | 1 set | 0.19 kg |
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm hexagon socket connection (inbus) for MULTIVERT®/BSL with top or bottom terminal 1 set = 3 pieces | 1 set | 0.47 kg |

MULTIVERT® 250A
Size 1, 690VAC

ACCESSORIES



1.002.940



1.000.829



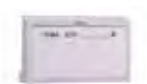
1.000.852



1.000.102



MZPR600



MZBT

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.940 | Z1023453 | electronic fuse monitoring ESÜ size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.85 kg |
| MZESM | J228766 | Electronic System Monitor ESM size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.10 kg |
| 1.000.829 | L1023418 | electro-mechanical fuse monitoring (galvanic isolation) MZS size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.31 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |

Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.102 | M1023281 | size 1, 2, 3, 250 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.108 | T1023287 | size 1, 2, 3, 250 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |

Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| MZ1SW250 | K1024567 | current transformer up to 250/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.88 kg |
| MZ3SW250 | M1024569 | current transformer up to 250/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.38 kg |
| SZ1SW250 | L1024568 | current transformer up to 250/5A, class 1, for single pole measurement | 1 piece | 0.43 kg |
| MZPR600 | S1024597 | distance tube for level adjustment, up to 600/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.62 kg |

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---------------------------|---------|--------|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |

MULTIVERT® 250A

Size 1, 690VAC

ACCESSORIES



1.002.909



1.002.910



22SZVK42



1.000.099



1.003.286



1.001.667



1.003.377



1.002.255

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3, 95-240 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3, 95-300 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.26 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors 50-240 mm ² single solid, 50-185 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid M = 23-27 Nm | 1 piece | 0.17 kg |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.01 kg |
| 1.003.286 | Q1024595 | supplementary set for V-terminal size 1,2,3 set = 3 pieces V-clamps, cover shroud and labels for size 1, 2 and 3 | 1 set | 0.23 kg |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |
| 1.003.377 | Y1024579 | supplementary set for multiple termination, top terminal 2 cable lugs Cu/Al: up to max. 300 mm ² round stranded, sectoral stranded, 3 cable lugs Cu: up to max. 150 mm ² round stranded, sectoral stranded, M = 32-38 Nm | 1 set | 1.74 kg |
| 1.002.255 | B1024582 | supplementary set for multiple termination, bottom terminal 2 cable lugs Cu/Al: up to max. 300 mm ² round stranded, sectoral stranded, 3 cable lugs Cu: up to max. 150 mm ² round stranded, sectoral stranded, M = 32-38 Nm | 1 set | 1.68 kg |

MULTIVERT® 400A

Size 2, 690VAC

PRODUCT RANGE

MULTIVERT® 400 A size 2 185 mm 3 x single pole switching



1.200.000 1.220.000

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| 1.200.000 | J1002187 | 3 M12 bolts | - | 1 piece | 4.6 kg |
| 1.210.000 | Z1023200 | 3 M12 insert nuts | - | 1 piece | 4.52 kg |
| 1.220.000 | A1023201 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.38 kg |
| 1.220.900 | B1023202 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 5.45 kg |
| 1.200.100 | Y1023199 | 3 M12 bolts | MULTIVERT® 1.200.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.200.084 | E1023205 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 4.7 kg |
| 1.200.064 | C1023203 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 4.7 kg |
| 1.200.094 | F1023206 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for triple pole measurement | 1 piece | 5.4 kg |
| 1.200.074 | D1023204 | 3 M12 bolts | MULTIVERT® 1.200.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.7 kg |
| 1.230.000 | T1023218 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible | 1 piece | 4.46 kg |

MULTIVERT® 400A

Size 2, 690VAC

PRODUCT RANGE

MULTIVERT® 400 A size 2 185 mm 1 x triple pole switching



1.250.000 1.270.000

1.270.094
rear

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| 1.250.000 | M1002190 | 3 M12 bolts | - | 1 piece | 4.76 kg |
| 1.260.000 | G1023207 | 3 M12 insert nuts | - | 1 piece | 4.68 kg |
| 1.270.000 | H1023208 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 4.78 kg |
| 1.270.600 | K1023210 | V-terminal + 3 V-terminal clamps size 1,2,3 | - | 1 piece | 4.7 kg |
| 1.270.900 | L1023211 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 6.08 kg |
| 1.250.100 | X1002199 | 3 M12 bolts | MULTIVERT® 1.250.000 with cabling of instrument leads for indication facilities | 1 piece | 5.2 kg |
| 1.270.100 | J1023209 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.270.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.250.084 | P1023214 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 4.9 kg |
| 1.250.064 | M1023212 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 4.9 kg |
| 1.250.094 | Q1023215 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for triple pole measurement | 1 piece | 5.6 kg |
| 1.250.074 | N1023213 | 3 M12 bolts | MULTIVERT® 1.250.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.9 kg |
| 1.270.094 | S1023217 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.270.000 with integrated C.T. 400/5A, 3,75 VA, class 1 for triple pole measurement | 1 piece | 5.41 kg |
| 1.270.074 | R1023216 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.270.000 with integrated C.T. 400/5A, 3,75 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 4.9 kg |
| 1.280.000 | V1023219 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible | 1 piece | 4.53 kg |

MULTIVERT® 400A

Size 2, 690VAC

ACCESSORIES



1.002.095



1.002.458



MZKAB



MZKHO



MZKAB1



MZVHB



MZKHV

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------|---------|---------|
| 1.002.095 | J1002279 | cover shroud for extended cover length 70 mm | bottom terminal | 1 piece | 0.12 kg |
| 1.002.458 | N1023305 | cover shroud for multiple termination length 205,5mm | bottom terminal | 1 piece | 0.16 kg |
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.12 kg |
| MZVHB | L1023303 | extended cover shroud length 257 mm | top terminal | 1 piece | 0.23 kg |
| MZKHV | A1002202 | cover shroud for installation in distribution units with central cover (height of supporting edge reduced by 16 mm) length 145 mm | top terminal | 1 piece | 0.09 kg |

MULTIVERT®
MULTIBLOC®

1.001.510



MZAW

Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.001.510 | K1002280 | cover shield to support central cover 1 set = 2 pieces | 1 set | 0.15 kg |
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 0.03 kg |

MULTIVERT® 400A

Size 2, 690VAC

ACCESSORIES



MZO1LPAP MZLPAP 1.002.493



1.002.492 1.002.830 1.002.829

Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------------------|---------|---------|
| MZO1LPAP | C1023410 | spare way cover without level adjustment width 50 mm, length 500 mm including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| MZLPAP | D1023411 | spare way cover width 100 mm, length 612 mm including 2 pieces M12 fixing screws (distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.56 kg |
| 1.002.493 | N1002283 | spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover width 100 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover width 100 mm, length 630 mm with level adjustment 123 mm for bus bar installation set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |



1.002.648 1.000.192

Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.648 | T1023448 | M12 insert nut, size 2 and 3 1 set = 30 pieces | 1 set | 0.28 kg |
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm hexagon socket connection (inbus) for MULTIVERT®/BSL with top or bottom terminal 1 set = 3 pieces | 1 set | 0.47 kg |

MULTIVERT® 400A
Size 2, 690VAC

ACCESSORIES



1.002.940

MZESM



1.000.829

1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.940 | Z1023453 | electronic fuse monitoring ESÜ size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.85 kg |
| MZESM | J228766 | Electronic System Monitor ESM size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.10 kg |
| 1.000.829 | L1023418 | electro-mechanical fuse monitoring (galvanic isolation) MZS size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.31 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



1.000.102

1.000.103



1.000.109

Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.102 | M1023281 | size 1, 2, 3, 250 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.103 | N1023282 | size 2, 3, 400 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.108 | T1023287 | size 1, 2, 3, 250 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.109 | V1023288 | size 2, 3, 400 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |



1.002.294

1.002.295

Amperemeter for direct frontal installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.294 | G1023276 | size 2/3, 400 / 200 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |
| 1.002.295 | H1023277 | size 2/3, 600 / 300 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |

MULTIVERT® 400A
Size 2, 690VAC

ACCESSORIES



MZ3SW400



MZPR600

Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|---------|
| MZ1SW250 | K1024567 | current transformer up to 250/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.88 kg |
| MZ1SW400 | N1024570 | current transformer up to 400/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.89 kg |
| MZ3SW250 | M1024569 | current transformer up to 250/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.38 kg |
| MZ3SW400 | Q1024572 | current transformer up to 400/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.43 kg |
| SZ1SW250 | L1024568 | current transformer up to 250/5A, class 1, for single pole measurement | 1 piece | 0.43 kg |
| SZ1SW400 | P1024571 | current transformer up to 400/5A, class 1, for single pole measurement | 1 piece | 0.46 kg |
| MZPR600 | S1024597 | distance tube for level adjustment, up to 600/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.62 kg |



MZBT

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---------------------------|---------|--------|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |

MULTIVERT® 400A
Size 2, 690VAC

ACCESSORIES



1.002.909



1.002.910



22SZVK42

1.000.099



1.003.286



1.001.667

1.003.377



1.002.255

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3, 95-240 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3, 95-300 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.26 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors 50-240 mm ² single solid, 50-185 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid M = 23-27 Nm | 1 piece | 6.8 g |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.1 g |
| 1.003.286 | Q1024595 | supplementary set for V-terminal size 1,2,3 set = 3 pieces V-clamps, cover shroud and labels for size 1, 2 and 3 | 1 set | 0.23 kg |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |
| 1.003.377 | Y1024579 | supplementary set for multiple termination, top terminal 2 cable lugs Cu/Al: up to max. 300 mm ² round stranded, sectoral stranded, 3 cable lugs Cu: up to max. 150 mm ² round stranded, sectoral stranded, M = 32-38 Nm | 1 set | 1.74 kg |
| 1.002.255 | B1024582 | supplementary set for multiple termination, bottom terminal 2 cable lugs Cu/Al: up to max. 300 mm ² round stranded, sectoral stranded, 3 cable lugs Cu: up to max. 150 mm ² round stranded, sectoral stranded, M = 32-38 Nm | 1 set | 1.68 kg |

MULTIVERT® 630A

Size 3, 690VAC

PRODUCT RANGE



1.300.000 1.320.000

MULTIVERT® 630 A size 3 185mm 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| 1.300.000 | K1002188 | 3 M12 bolts | - | 1 piece | 5.43 kg |
| 1.310.000 | W1023220 | 3 M12 insert nuts | - | 1 piece | 5.38 kg |
| 1.320.000 | X1023221 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 5.21 kg |
| 1.320.900 | Y1023222 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 6.89 kg |
| 1.300.100 | W1027153 | 3 M12 bolts | MULTIVERT® 1.200.000 with cabling of instrument leads for indication facilities | 1 piece | 5.1 kg |
| 1.300.085 | A1023247 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 5.6 kg |
| 1.300.066 | Z1023223 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 5.6 kg |
| 1.300.095 | B1023248 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement | 1 piece | 6.3 kg |
| 1.300.076 | Z1023246 | 3 M12 bolts | MULTIVERT® 1.300.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 5.6 kg |
| 1.330.000 | Q1023261 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible | 1 piece | 6.1 kg |

MULTIVERT® 630A

Size 3, 690VAC

PRODUCT RANGE



1.350.000 1.370.000

MULTIVERT® 630 A size 3 185 mm 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| 1.350.000 | N1002191 | 3 M12 bolts | - | 1 piece | 5.59 kg |
| 1.360.000 | C1023249 | 3 M12 insert nuts | - | 1 piece | 5.52 kg |
| 1.370.000 | D1023250 | V-terminal for V-terminal clamps size 1,2,3 | - | 1 piece | 5.39 kg |
| 1.370.900 | F1023252 | V-terminal, 2 terminals per phase for V-terminal clamps size 1,2,3 | - | 1 piece | 7.05 kg |
| 1.370.600 | E1023251 | V-terminal + 3 V-terminal clamps | - | 1 piece | 5.63 kg |
| 1.350.100 | Y1002200 | 3 M12 bolts | MULTIVERT® 1.350.000 with cabling of instrument leads for indication facilities | 1 piece | 6.1 kg |
| 1.370.100 | G1023253 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.370.000 with cabling of instrument leads for indication facilities | 1 piece | 5.9 kg |
| 1.350.085 | K1023256 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for single pole measurement (ready fitted in pole 1) | 1 piece | 5.8 kg |
| 1.350.066 | H1023254 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for single pole measurement (ready fitted in pole 1) | 1 piece | 5.8 kg |
| 1.350.095 | L1023257 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement | 1 piece | 6.5 kg |
| 1.350.076 | J1023255 | 3 M12 bolts | MULTIVERT® 1.350.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 5.8 kg |
| 1.370.095 | P1023260 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.370.000 with integrated C.T. 600/5A, 5,00 VA, class 1 for triple pole measurement | 1 piece | 6 kg |
| 1.370.076 | M1023258 | V-terminal for V-terminal clamps size 1,2,3 | MULTIVERT® 1.370.000 with integrated C.T. 600/5A, 5,00 VA, class 0,5; calibrated, for triple pole measurement | 1 piece | 5.9 kg |
| 1.380.000 | R1023262 | M12 bus bar terminal | MULTIVERT® with lateral bus bar terminals bus bar coupler switch cable terminal connection to right or left side possible | 1 piece | 4.77 kg |

MULTIVERT® 630A

Size 3, 690VAC

ACCESSORIES



1.002.095



1.002.458



MZKAB



MZKHO



MZKAB1



MZVHB



MZKHV

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------|---------|---------|
| 1.002.095 | J1002279 | cover shroud for extended cover length 70 mm | bottom terminal | 1 piece | 0.12 kg |
| 1.002.458 | N1023305 | cover shroud for multiple termination length 205,5mm | bottom terminal | 1 piece | 0.16 kg |
| MZKAB | J1023301 | cover shroud for clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.10 kg |
| MZKHO | G217655 | cover shroud for cable terminal connections with cable lugs on switchboards with central cover length 190 mm | top terminal | 1 piece | 0.13 kg |
| MZKAB1 | K1023302 | cover shroud for special (high) clamp terminal connection in feeder pillars length 138,5 mm | top terminal | 1 piece | 0.12 kg |
| MZVHB | L1023303 | extended cover shroud length 257 mm | top terminal | 1 piece | 0.23 kg |
| MZKHV | A1002202 | cover shroud for installation in distribution units with central cover (height of supporting edge reduced by 16 mm) length 145 mm | top terminal | 1 piece | 0.09 kg |



1.001.510



MZAW

Covers/level & system adjustment covers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.001.510 | K1002280 | cover shield to support central cover 1 set = 2 pieces | 1 set | 0.15 kg |
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 0.03 kg |

MULTIVERT® 630A
Size 3, 690VAC

ACCESSORIES



MZO1LPAP MZLPAP 1.002.493



1.002.492 1.002.830 1.002.829



1.002.648 1.000.192

Covers/spare way covers

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------------------|---------|---------|
| MZO1LPAP | C1023410 | spare way cover without level adjustment width 50 mm, length 500 mm including fixing material | bus bar system 185 mm | 1 piece | 60 g |
| MZLPAP | D1023411 | spare way cover width 100 mm, length 612 mm including 2 pieces M12 fixing screws (distance of fixing holes 185 mm) | bus bar system 185 mm | 1 piece | 0.56 kg |
| 1.002.493 | N1002283 | spare way cover width 50 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.14 kg |
| 1.002.492 | M1002282 | spare way cover width 100 mm, length 630 mm for covering of open installation spaces in distribution units with central cover | bus bar system 185 mm | 1 piece | 0.20 kg |
| 1.002.830 | E1023412 | spare way cover width 50 mm, length 630 mm with level adjustment 123 mm for bus bar installation, set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.20 kg |
| 1.002.829 | F1023413 | spare way cover width 100 mm, length 630 mm with level adjustment 123 mm for bus bar installation set = cover + fixing set (2 distance pieces, 2 screw rivets) | bus bar system 185 mm | 1 set | 0.27 kg |

Installation devices/bus bar installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.648 | T1023448 | M12 insert nut, size 2 and 3 1 set = 30 pieces | 1 set | 0.28 kg |
| 1.000.192 | P1002284 | hooked clamp size 1, 2, 3, M = 15–20 Nm hexagon socket connection (inbus) for MULTIVERT®/BSL with top or bottom terminal 1 set = 3 pieces | 1 set | 0.47 kg |

MULTIVERT® 630A
Size 3, 690VAC

ACCESSORIES



1.002.940



MZESM



1.000.829



1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.940 | Z1023453 | electronic fuse monitoring ESÜ size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads (rated voltage 525VAC) | 1 piece | 0.85 kg |
| MZESM | J228766 | Electronic System Monitor ESM size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.10 kg |
| 1.000.829 | L1023418 | electro-mechanical fuse monitoring (galvanic isolation) MZS size 1,2,3 for MULTIVERT® 250 A, 400 A, 630 A with cabling of instrument leads | 1 piece | 0.31 kg |
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



1.000.102



1.000.103



1.000.104



1.000.109

Amperemeter units

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.000.102 | M1023281 | size 1, 2, 3, 250 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.103 | N1023282 | size 2, 3, 400 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.104 | P1023283 | size 3, 630 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.105 | J1023278 | size 3, 1000 A, with drag indicator, single pole measurement | 1 piece | 83 g |
| 1.000.108 | T1023287 | size 1, 2, 3, 250 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.109 | V1023288 | size 2, 3, 400 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.110 | W1023289 | size 3, 630 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |
| 1.000.111 | Q1023284 | size 3, 1000 A, with drag indicator, triple pole measurement (optional L1, L2, L3) | 1 piece | 83 g |



1.002.294



1.002.295

Amperemeter for direct frontal installation

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.294 | G1023276 | size 2/3, 400 / 200 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |
| 1.002.295 | H1023277 | size 2/3, 600 / 300 / 5A, with drag indicator, for NH-measuring fuse link, single pole measurement | 1 piece | 0.14 kg |

MULTIVERT® 630A
Size 3, 690VAC

ACCESSORIES



MZ3SW400



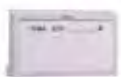
SZ1SW600



MZPR600

Current transformers/external current transformers

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| MZ1SW250 | K1024567 | current transformer up to 250/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.88 kg |
| MZ1SW400 | N1024570 | current transformer up to 400/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 0.89 kg |
| MZ1SW600 | R1024573 | current transformer up to 600/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 1.22 kg |
| MZ1SW1000 | E1024562 | current transformer up to 1000/5A for single pole measurement, class 1 set = 1 piece current transformer + 3 pieces distance tubes for level adjustment, 1 piece installed in the current transformer, 2 pieces additionally packed | 1 set | 1.92 kg |
| MZ3SW250 | M1024569 | current transformer up to 250/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.38 kg |
| MZ3SW400 | Q1024572 | current transformer up to 400/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.43 kg |
| MZ3SW600 | T1024575 | current transformer up to 600/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 1.43 kg |
| MZ3SW1000 | G1024564 | current transformer up to 1000/5A for triple pole measurement, class 1 set = 3 pieces current transformer with distance tubes for level adjustment, 3 pieces installed in the current transformer | 1 set | 2.47 kg |
| SZ1SW250 | L1024568 | current transformer up to 250/5A, class 1, for single pole measurement | 1 piece | 0.43 kg |
| SZ1SW400 | P1024571 | current transformer up to 400/5A, class 1, for single pole measurement | 1 piece | 0.46 kg |
| SZ1SW600 | S1024574 | current transformer up to 600/5A, class 1, for single pole measurement | 1 piece | 0.4 kg |
| SZ1SW1000 | F1024563 | current transformer up to 1000/5A, class 1, for single pole measurement | 1 piece | 0.81 kg |
| MZPR600 | S1024597 | distance tube for level adjustment, up to 600/5A, supplementary set for neighbouring MULTIVERT® without measurement to obtain uniform profile in height 1 set = 3 pieces | 1 set | 0.62 kg |

MULTIVERT®
MULTIBLOC®

MZBT

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---------------------------|---------|--------|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |

MULTIVERT® 630A
Size 3, 690VAC

ACCESSORIES



1.002.909



1.002.910



22SZVK42



1.000.099



1.003.286



1.001.667



1.003.377



1.002.255

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|---------|
| 1.002.909 | K1024613 | V-terminal clamp size 1,2,3, 95-240 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.24 kg |
| 1.002.910 | L1024614 | V-terminal clamp size 1,2,3, 95-300 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 3 pieces | 1 set | 0.26 kg |
| 22SZVK42 | Q1024618 | V-terminal clamp size 1,2,3 for 2 conductors 50-240 mm ² single solid, 50-185 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid M = 23-27 Nm | 1 piece | 6.8 g |
| 1.000.099 | E1023436 | insulation cap for V-terminal clamp size 1,2,3 | 1 piece | 0.1 g |
| 1.003.286 | Q1024595 | supplementary set for V-terminal size 1,2,3 set = 3 pieces V-clamps, cover shroud and labels for size 1, 2 and 3 | 1 set | 0.23 kg |
| 1.001.667 | F1023275 | adapter for double terminal L3 | 1 piece | 0.25 kg |
| 1.003.377 | Y1024579 | supplementary set for multiple termination, top terminal 2 cable lugs Cu/Al: up to max. 300 mm ² round stranded, sectoral stranded, 3 cable lugs Cu: up to max. 150 mm ² round stranded, sectoral stranded, M = 32-38 Nm | 1 set | 1.74 kg |
| 1.002.255 | B1024582 | supplementary set for multiple termination, bottom terminal 2 cable lugs Cu/Al: up to max. 300 mm ² round stranded, sectoral stranded, 3 cable lugs Cu: up to max. 150 mm ² round stranded, sectoral stranded, M = 32-38 Nm | 1 set | 1.68 kg |

MULTIVERT® 630A 4P (3P+N)

PRODUCT RANGE

Size 3, 690VAC

MULTIVERT® 630 A size 3 185 mm 4P (3P+N)

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|---|---------|--------|
| 4.350.000 | G1056005 | M12 bolts | 4P (3P+N) | 1 piece | 8.9 kg |
| 4.370.000 | W1058272 | V-terminal for V-clamps | 4P (3P+N) | 1 piece | 8.9 kg |
| 4.380.000 | X1058273 | M12 bus bar terminal V-terminal for N pole | 4P (3P+N) MULTIVERT with lateral busbar terminals, busbar coupler switch | 1 piece | 6.5 kg |



4.350.000

ACCESSORIES



1.002.095

Cover/shrouds for cable termination

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|--|-----------------|---------|---------|
| 1.002.095 | J1002279 | cover shroud for extended cover length 70 mm | bottom terminal | 1 piece | 0.12 kg |



MZAW

Covers/level & system adjustment covers

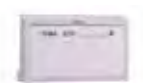
| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| MZAW | D218687 | support angle for support of cover plate 1 set = 4 pieces | 1 set | 27 g |



1.000.852

Indication facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--|---------|--------|
| 1.000.852 | Q1002285 | indicator for switch door position micro switch, 1 change-over contact 5 A, 250 V | 1 piece | 90 g |



MZBT

Labelling facilities

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---------------------------|---------|--------|
| MZBT | B222181 | label holder size 1, 2, 3 | 1 piece | 30 g |



1.004.402

Varieties of cable termination

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| 1.004.402 | G1058305 | V-terminal clamp size 1,2,3, 95-240 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 4 pieces | 1 set | 0.3 kg |
| 1.004.403 | H1058306 | V-terminal clamp size 1,2,3, 95-300 mm ² single solid, 70-240 mm ² single stranded, 50-185 mm ² round stranded, 70-240 mm ² round solid, M = 23 -27 Nm 1 set = 4 pieces | 1 set | 0.3 kg |



1.004.403

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MULTIVERT® 800A, 1260A

PRODUCT RANGE

Double Fuse Switch Disconnecter Size 2 and 3



1.400.000

MULTIVERT® NH-double vertical fuse switch disconnecter 800 A single pole switching for NH-fuse links size 2

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|----------|
| 1.400.000 | W1023266 | triple cable termination M12 bolt | 1 piece | 11.6 kg |
| 1.400.004 | X1023267 | quadruple cable termination M12 bolt | 1 piece | 12.12 kg |

MULTIVERT® NH-double vertical fuse switch disconnecter 1260 A single pole switching for NH-fuse links size 3

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.500.000 | S1023125 | triple cable termination M12 bolt | 1 piece | 13.3 kg |
| 1.500.004 | T1023126 | quadruple cable termination M12 bolt | 1 piece | 13.8 kg |



1.450.000

MULTIVERT® NH-double vertical fuse switch disconnecter 800 A triple pole switching for NH-fuse links size 2

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.450.000 | Y1023268 | triple cable termination M12 bolt | 1 piece | 11.9 kg |
| 1.450.004 | Z1023269 | quadruple cable termination M12 bolt | 1 piece | 12.3 kg |

MULTIVERT® NH-double vertical fuse switch disconnecter 1260 A triple pole switching for NH-fuse links size 3

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.550.000 | V1023127 | triple cable termination M12 bolt | 1 piece | 13.3 kg |
| 1.550.004 | W1023128 | quadruple cable termination M12 bolt | 1 piece | 13.8 kg |

MULTIVERT® 1260A, 1600A

PRODUCT RANGE

Double Switch Disconnecter Size 2 and 3



1.400.000

MULTIVERT® NH-double vertical switch disconnecter 1260 A single pole switching**1260 A - application of NH-solid links size 2, 630 A, Art.Nr. 22SZSM1****800 A - application of NH-solid links size 2, 400 A**

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|----------|
| 1.400.000 | W1023266 | triple cable termination M12 bolt | 1 piece | 11.6 kg |
| 1.400.004 | X1023267 | quadruple cable termination M12 bolt | 1 piece | 12.12 kg |

MULTIVERT® NH-double vertical switch disconnecter 1600 A single pole switching**1600 A - application of NH-solid links size 3, 1000 A, Art.Nr. 33SZSM2****1260 A - application of NH-solid links size 3, 630 A**

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.500.000 | S1023125 | triple cable termination M12 bolt | 1 piece | 13.3 kg |
| 1.500.004 | T1023126 | quadruple cable termination M12 bolt | 1 piece | 13.8 kg |

MULTIVERT® 1260A, 1600A

PRODUCT RANGE

Double Switch Disconnecter Size 2 and 3



1.450.000

MULTIVERT® NH-double vertical switch disconnecter 1260 A triple pole switching**1260 A - application of NH-solid links size 2, 630 A, Art.Nr. 22SZSM1****800 A - application of NH-solid links size 2, 400 A**

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.450.000 | Y1023268 | triple cable termination M12 bolt | 1 piece | 11.9 kg |
| 1.450.004 | Z1023269 | quadruple cable termination M12 bolt | 1 piece | 12.3 kg |

MULTIVERT® NH-double vertical switch disconnecter 1600 A triple pole switching**1600 A - application of NH-solid links size 3, 1000 A, Art.Nr. 33SZSM2****1260 A - application of NH-solid links size 3, 630 A**

| Catalog number | Item number | Cable termination components | Package | Weight |
|----------------|-------------|---|---------|---------|
| 1.550.000 | V1023127 | triple cable termination M12 bolt | 1 piece | 13.3 kg |
| 1.550.004 | W1023128 | quadruple cable termination M12 bolt | 1 piece | 13.8 kg |

ACCESSORIES

Cover/shrouds for cable termination



1.002.394

| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|---|-----------------|---------|---------|
| 1.002.394 | Z1023407 | cover shroud for double vertical switch, width 200 mm, length 224 mm | bottom terminal | 1 piece | 0.45 kg |
| 1.003.320 | M1023304 | cover shroud for double vertical switch, width 200 mm, length 278 mm | top terminal | 1 piece | 0.31 kg |



1.003.320

MULTIVERT® 1000A

Main Incomer, 690VAC

PRODUCT RANGE



1.762.900

MULTIVERT® main incomer 1000 A 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|---|---------|---------|
| 1.762.900 | P1023122 | M12 multiple termination Al/Cu max. 300 mm ² round stranded, sectoral stranded (2 cable lugs), Cu max. 150 mm ² round stranded, sectoral stranded (3 cable lugs), M = 32-38 Nm | with ready fitted NH-solid links 1000 A | 1 piece | 11.8 kg |



1.712.900

MULTIVERT® main incomer 1000 A 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|---|---------|---------|
| 1.712.900 | N1023121 | M12 multiple termination Al/Cu max. 300 mm ² round stranded, sectoral stranded (2 cable lugs), Cu max. 150 mm ² round stranded, sectoral stranded (3 cable lugs), M = 32-38 Nm | with ready fitted NH-solid links 1000 A | 1 piece | 11.5 kg |

MULTIVERT® 630kVA/910A

Transformer Main Incomers, 690VAC

PRODUCT RANGE



MV6M301K701G

MULTIVERT® transformer main incomer 630 kVA / 910 A 1 x triple pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|---|----------------------------|---------|---------|
| MV6M301K701G | V1023265 | M12 multiple termination Al/Cu max. 300 mm ² round stranded, sectoral stranded (2 cable lugs), Cu max. 150 mm ² round stranded, sectoral stranded (3 cable lugs), M = 32-38 Nm | for NH-fuse links "gTr" | 1 piece | 14,7 kg |

MULTIVERT® 1250A

PRODUCT RANGE

Size 4a, 690VAC



1.000.093 1.000.094

MULTIVERT® 1250 A size 4a 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|------------------------------|-----------------|---------|---------|
| 1.000.093 | A1023270 | M16 screw terminal | bottom terminal | 1 piece | 16.4 kg |
| 1.000.094 | B1023271 | M16 screw terminal | top terminal | 1 piece | 16.4 kg |

MULTIVERT® 1600A

PRODUCT RANGE

Size 4a, 690VAC



1.000.095 1.000.096

MULTIVERT® 1600 A size 4a 3 x single pole switching

| Catalog number | Item number | Cable termination components | Design | Package | Weight |
|----------------|-------------|------------------------------|-----------------|---------|---------|
| 1.000.095 | C1023272 | 2xM12 screw terminal | bottom terminal | 1 piece | 16.5 kg |
| 1.000.096 | D1023273 | 2xM12 screw terminal | top terminal | 1 piece | 16.5 kg |

IEC BS - LOW VOLTAGE FUSE SYSTEM





BS FUSE-LINKS

172 - 185

| | |
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Offset Blade fuse-links gM 550VAC/250VDC

PRODUCT RANGE



BNS55V20M25

Type F1 550VAC/250VDC gM BNS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|--------|
| BNS55V10M16 | T1019216 | 550 V | 250 V | 10M16 A | 120 A ² s | 550 A ² s | 80 kA | 40 kA | 1 W | 17.3 g |
| BNS55V16M20 | V1019217 | 550 V | 250 V | 16M20 A | 250 A ² s | 1250 A ² s | 80 kA | 40 kA | 1.36 W | 17.3 g |
| BNS55V20M25 | W1019218 | 550 V | 250 V | 20M25 A | 420 A ² s | 2100 A ² s | 80 kA | 40 kA | 1.6 W | 17.3 g |
| BNS55V20M32 | X1019219 | 550 V | 250 V | 20M32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 1.8 W | 17.3 g |
| BNS55V25M32 | Z1019221 | 550 V | 250 V | 25M32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 2.3 W | 17.3 g |

Offset Blade fuse-links gM 415VAC

PRODUCT RANGE

Type F1 415VAC gM BNS

| Catalog number | Item number | Rated voltage AC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|-------------------------|-----------------------------|--|----------------------------|-------------------------|--------|
| BNS42V20M36 | D1036981 | 415 V | 20M36 A | 700 A ² s | 4000 A ² s | 80 kA | 1.6 W | 23.8 g |
| BNS42V32M36 | E1036982 | 415 V | 32M36 A | 700 A ² s | 4000 A ² s | 80 kA | 2.4 W | 23.8 g |
| BNS42V32M40 | F1036983 | 415 V | 32M40 A | 1300 A ² s | 4200 A ² s | 80 kA | 2.4 W | 23.8 g |
| BNS42V32M50 | G1036984 | 415 V | 32M50 A | 2600 A ² s | 8750 A ² s | 80 kA | 2.3 W | 23.8 g |
| BNS42V32M63 | H1036985 | 415 V | 32M63 A | 4000 A ² s | 13900 A ² s | 80 kA | 2.4 W | 23.8 g |

Offset Blade fuse-links gG 550VAC

PRODUCT RANGE



BES55V16

Type F2 550VAC gG BES

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------|-----------------------------|--|----------------------------|-------------------------|--------|
| BES55V2* | Y1050799 | 550 V | 2 A | 1 A ² s | 5 A ² s | 80 kA | 0.9 W | 29 g |
| BES55V4* | Z1050800 | 550 V | 4 A | 7.6 A ² s | 38 A ² s | 80 kA | 1.5 W | 29 g |
| BES55V6* | A1050801 | 550 V | 6 A | 28 A ² s | 40 A ² s | 80 kA | 1.8 W | 29 g |
| BES55V10 | F1006646 | 550 V | 10 A | 70 A ² s | 350 A ² s | 80 kA | 1.2 W | 29 g |
| BES55V16 | G1006647 | 550 V | 16 A | 120 A ² s | 550 A ² s | 80 kA | 1.6 W | 29 g |
| BES55V20 | H1006648 | 550 V | 20 A | 250 A ² s | 1250 A ² s | 80 kA | 1.7 W | 29 g |
| BES55V25 | J1006649 | 550 V | 25 A | 420 A ² s | 2100 A ² s | 80 kA | 2 W | 29 g |
| BES55V32 | K1006650 | 550 V | 32 A | 670 A ² s | 3350 A ² s | 80 kA | 2.9 W | 29 g |
| BES55V36 | L1006651 | 550 V | 36 A | 700 A ² s | 4000 A ² s | 80 kA | 2.8 W | 29 g |

* No asta

Offset Blade fuse-links gG 550VAC/250VDC

PRODUCT RANGE



BNS55V32

Type F1 550VAC/250VDC gG BNS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|--------|
| BNS55V2 | C1006643 | 550 V | 250 V | 2 A | 1 A ² s | 5 A ² s | 80 kA | 40 kA | 0.9 W | 17.5 g |
| BNS55V4 | D1006644 | 550 V | 250 V | 4 A | 7.6 A ² s | 38 A ² s | 80 kA | 40 kA | 1.5 W | 17.5 g |
| BNS55V6 | E1006645 | 550 V | 250 V | 6 A | 28 A ² s | 40 A ² s | 80 kA | 40 kA | 1.8 W | 17.5 g |
| BNS55V10 | N1019211 | 550 V | 250 V | 10 A | 70 A ² s | 350 A ² s | 80 kA | 40 kA | 1.2 W | 17.5 g |
| BNS55V16 | P1019212 | 550 V | 250 V | 16 A | 120 A ² s | 550 A ² s | 80 kA | 40 kA | 1.6 W | 17.5 g |
| BNS55V20 | Q1019213 | 550 V | 250 V | 20 A | 250 A ² s | 1250 A ² s | 80 kA | 40 kA | 1.7 W | 17.5 g |
| BNS55V25 | R1019214 | 550 V | 250 V | 25 A | 420 A ² s | 2100 A ² s | 80 kA | 40 kA | 2 W | 17.5 g |
| BNS55V32 | S1019215 | 550 V | 250 V | 32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 2.9 W | 17.5 g |

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Offset Blade fuse-links gG 415VAC

PRODUCT RANGE



BES42V63

Type F2 415VAC gG BES

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|--------|
| BES42V40 | J226351 | 415 V | 40 A | 1300 A ² s | 4200 A ² s | 80 kA | 3 W | 29 g |
| BES42V50 | K226352 | 415 V | 50 A | 2600 A ² s | 8750 A ² s | 80 kA | 3.6 W | 29 g |
| BES42V63 | L226353 | 415 V | 63 A | 4000 A ² s | 13900 A ² s | 80 kA | 4.7 W | 29 g |

Offset Tag fuse-links gG 415VAC/250VDC

PRODUCT RANGE

Type A1 415VAC/250VDC gG BEIT

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BEIT42V36 | A1019176 | 415 V | 250 V | 36 A | 1000 A ² s | 4000 A ² s | 80 kA | 40 kA | 2.8 W | 31.5 g |
| BEIT42V40 | B1019177 | 415 V | 250 V | 40 A | 1300 A ² s | 4200 A ² s | 80 kA | 40 kA | 3 W | 31.5 g |
| BEIT42V50 | C1019178 | 415 V | 250 V | 50 A | 2600 A ² s | 8750 A ² s | 80 kA | 40 kA | 3.6 W | 31.5 g |
| BEIT42V63 | D1019179 | 415 V | 250 V | 63 A | 4000 A ² s | 13900 A ² s | 80 kA | 40 kA | 4.7 W | 31.5 g |

Offset Tag fuse-links gM 550VAC/250VDC

PRODUCT RANGE



BNIT55V20M32

Type A1 550VAC/250VDC gM BNIT

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating I _n M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BNIT55V10M16 | G1019228 | 550 V | 250 V | 10M16 A | 120 A ² s | 550 A ² s | 80 kA | 40 kA | 1 W | 16 g |
| BNIT55V16M20 | H1019229 | 550 V | 250 V | 16M20 A | 250 A ² s | 1250 A ² s | 80 kA | 40 kA | 1.36 W | 16 g |
| BNIT55V20M25 | J1019230 | 550 V | 250 V | 20M25 A | 420 A ² s | 2100 A ² s | 80 kA | 40 kA | 1.6 W | 16 g |
| BNIT55V20M32 | K1019231 | 550 V | 250 V | 20M32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 1.8 W | 16 g |
| BNIT55V25M32 | R1019237 | 550 V | 250 V | 25M32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 2.3 W | 16 g |

Offset Tag fuse-links gG 550VAC/250VDC

PRODUCT RANGE



BNIT55V32

Type A1 550VAC/250VDC gG BNIT

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BNIT55V2 | E1006576 | 550 V | 250 V | 2 A | 1 A ² s | 5 A ² s | 80 kA | 40 kA | 0.9 W | 16.5 g |
| BNIT55V4 | F1006577 | 550 V | 250 V | 4 A | 7.6 A ² s | 38 A ² s | 80 kA | 40 kA | 1.5 W | 16.5 g |
| BNIT55V6 | G1006578 | 550 V | 250 V | 6 A | 28 A ² s | 40 A ² s | 80 kA | 40 kA | 1.8 W | 16.5 g |
| BNIT55V10 | B1019223 | 550 V | 250 V | 10 A | 70 A ² s | 350 A ² s | 80 kA | 40 kA | 1.2 W | 16.5 g |
| BNIT55V16 | C1019224 | 550 V | 250 V | 16 A | 120 A ² s | 550 A ² s | 80 kA | 40 kA | 1.6 W | 16.5 g |
| BNIT55V20 | D1019225 | 550 V | 250 V | 20 A | 250 A ² s | 1250 A ² s | 80 kA | 40 kA | 1.7 W | 16.5 g |
| BNIT55V25 | E1019226 | 550 V | 250 V | 25 A | 420 A ² s | 2100 A ² s | 80 kA | 40 kA | 2 W | 16.5 g |
| BNIT55V32 | F1019227 | 550 V | 250 V | 32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 2.9 W | 16.5 g |

Offset Tag fuse-links gG 550VAC/250VDC

PRODUCT RANGE

Type A2 550VAC/250VDC gG gM BTIA



| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Current rating I_n M lch | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|----------------------------|----------------------|----------------------------------|----------------------------|----------------------------|----------------------------|--------|
| BTIA55V2 | S1019238 | 550 V | 250 V | 2 A | - | 1 A ² s | 5 A ² s | 80 kA | 40 kA | 0.9 W | 20 g |
| BTIA55V4 | T1019239 | 550 V | 250 V | 4 A | - | 7.6 A ² s | 38 A ² s | 80 kA | 40 kA | 1.5 W | 20 g |
| BTIA55V6 | V1019240 | 550 V | 250 V | 6 A | - | 28 A ² s | 40 A ² s | 80 kA | 40 kA | 1.8 W | 20 g |
| BTIA55V10 | W1019241 | 550 V | 250 V | 10 A | - | 70 A ² s | 350 A ² s | 80 kA | 40 kA | 1.2 W | 20 g |
| BTIA55V10M16 | B1019246 | 550 V | 250 V | - | 10M16 A | 120 A ² s | 550 A ² s | 80 kA | 40 kA | 1 W | 20 g |
| BTIA55V16 | X1019242 | 550 V | 250 V | 16 A | - | 120 A ² s | 550 A ² s | 80 kA | 40 kA | 1.6 W | 20 g |
| BTIA55V16M20 | C1019247 | 550 V | 250 V | - | 16M20 A | 250 A ² s | 1250 A ² s | 80 kA | 40 kA | 1.36 W | 20 g |
| BTIA55V20 | Y1019243 | 550 V | 250 V | 20 A | - | 250 A ² s | 1250 A ² s | 80 kA | 40 kA | 1.7 W | 20 g |
| BTIA55V20M25 | D1019248 | 550 V | 250 V | - | 20M25 A | 420 A ² s | 2100 A ² s | 80 kA | 40 kA | 1.6 W | 20 g |
| BTIA55V20M32 | E1019249 | 550 V | 250 V | - | 20M32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 1.8 W | 20 g |
| BTIA55V25 | Z1019244 | 550 V | 250 V | 25 A | - | 420 A ² s | 2100 A ² s | 80 kA | 40 kA | 2 W | 20 g |
| BTIA55V32 | A1019245 | 550 V | 250 V | 32 A | - | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 2.9 W | 20 g |
| BTIA55V25M32 | F1019250 | 550 V | 250 V | - | 25M32 A | 670 A ² s | 3350 A ² s | 80 kA | 40 kA | 2.3 W | 20 g |

Offset Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE

Type A3 415VAC/240VDC gG BTIS



| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|--------|
| BTIS42V36 | M1045269 | 415 V | 240 V | 36 A | 1000 A ² s | 4000 A ² s | 80 kA | 40 kA | 2.8 W | 88.7 g |
| BTIS42V40 | N1045270 | 415 V | 240 V | 40 A | 1300 A ² s | 4200 A ² s | 80 kA | 40 kA | 3 W | 88.7 g |
| BTIS42V50 | P1045271 | 415 V | 240 V | 50 A | 2600 A ² s | 8750 A ² s | 80 kA | 40 kA | 3.6 W | 88.7 g |
| BTIS42V63 | Q1045272 | 415 V | 240 V | 63 A | 4000 A ² s | 13900 A ² s | 80 kA | 40 kA | 4.7 W | 88.7 g |
| BTIS42V80 | R1045273 | 415 V | 240 V | 80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 6.5 W | 88.7 g |
| BTIS42V100 | S1045274 | 415 V | 240 V | 100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 7.5 W | 88.7 g |
| BTIS42V125 | L1019186 | 415 V | 240 V | 125 A | 28000 A ² s | 78400 A ² s | 80 kA | 40 kA | 11.3 W | 88.7 g |
| BTIS42V160 | M1019187 | 415 V | 240 V | 160 A | 60000 A ² s | 168000 A ² s | 80 kA | 40 kA | 14 W | 88.7 g |



Type A3 415VAC/240VDC gG BTSDS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|--------|
| BTSDS42V80 | E1019180 | 415 V | 240 V | 80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 6.5 W | 59 g |
| BTSDS42V100 | F1019181 | 415 V | 240 V | 100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 7.5 W | 59 g |
| BTSDS42V125 | G1019182 | 415 V | 240 V | 125 A | 16000 A ² s | 70000 A ² s | 80 kA | 40 kA | 11.5 W | 59 g |



Type A3 415VAC/240VDC gG BTSS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|-----------------------|----------------------------------|----------------------------|----------------------------|----------------------------|--------|
| BTSS42V36 | R1019191 | 415 V | 240 V | 36 A | 1000 A ² s | 4000 A ² s | 80 kA | 40 kA | 2.8 W | 32.5 g |
| BTSS42V40 | S1019192 | 415 V | 240 V | 40 A | 1300 A ² s | 4200 A ² s | 80 kA | 40 kA | 3 W | 32.5 g |
| BTSS42V50 | T1019193 | 415 V | 240 V | 50 A | 2600 A ² s | 8750 A ² s | 80 kA | 40 kA | 3.6 W | 32.5 g |
| BTSS42V63 | V1019194 | 415 V | 240 V | 63 A | 4000 A ² s | 13900 A ² s | 80 kA | 40 kA | 4.7 W | 32.5 g |



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Offset Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE

Type A4 415VAC /240VDC gG BTSD

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTSD42V80 | Y1019197 | 415 V | 240 V | 80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 6.5 W | 82 g |
| BTSD42V100 | Z1019198 | 415 V | 240 V | 100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 7.5 W | 82 g |
| BTSD42V125 | A1019199 | 415 V | 240 V | 125 A | 16000 A ² s | 70000 A ² s | 80 kA | 40 kA | 11.5 W | 82 g |



BTSD42V100

Type A4 415VAC gG BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTCP42V36 | T1045275 | 415 V | 240 V | 36 A | 1000 A ² s | 4000 A ² s | 80 kA | 40 kA | 2.8 W | 83 g |
| BTCP42V40 | Z1045280 | 415 V | 240 V | 40 A | 1300 A ² s | 4200 A ² s | 80 kA | 40 kA | 3 W | 83 g |
| BTCP42V50 | S1045297 | 415 V | 240 V | 50 A | 2600 A ² s | 8750 A ² s | 80 kA | 40 kA | 3.6 W | 83 g |
| BTCP42V63 | T1045298 | 415 V | 240 V | 63 A | 4000 A ² s | 13900 A ² s | 80 kA | 40 kA | 4.7 W | 83 g |
| BTCP42V80 | V1045299 | 415 V | 240 V | 80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 6.5 W | 83 g |
| BTCP42V100 | X1045301 | 415 V | 240 V | 100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 7.5 W | 83 g |

Type A4 415VAC/240VDC gG BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTCP42V125 | W1019195 | 415 V | 240 V | 125 A | 28000 A ² s | 78400 A ² s | 80 kA | 40 kA | 11.3 W | 0.12 kg |
| BTCP42V160 | X1019196 | 415 V | 240 V | 160 A | 60000 A ² s | 168000 A ² s | 80 kA | 40 kA | 14 W | 0.12 kg |



BTCP42V160

Type A4 415VAC/240VDC gG BTFP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTFP42V125 | D226300 | 415 V | 240 V | 125 A | 17000 A ² s | 70000 A ² s | 80 kA | 40 kA | 9.2 W | 0.15 kg |
| BTFP42V160 | E226301 | 415 V | 240 V | 160 A | 57000 A ² s | 150000 A ² s | 80 kA | 40 kA | 10.7 W | 0.15 kg |
| BTFP42V200 | F226302 | 415 V | 240 V | 200 A | 105000 A ² s | 293000 A ² s | 80 kA | 40 kA | 16.2 W | 0.15 kg |

Offset Tag fuse-links gM 415VAC/240VDC

PRODUCT RANGE



BTIA42V32M63

Type A2 415VAC/250VDC gM BTIA

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating I _n M ich | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTIA42V32M40 | G226280 | 415 V | 250 V | 32M40 A | 1300 A ² s | 4200 A ² s | 80 kA | 40 kA | 2.4 W | 54 g |
| BTIA42V32M50 | H226251 | 415 V | 250 V | 32M50 A | 2600 A ² s | 8750 A ² s | 80 kA | 40 kA | 2.3 W | 54 g |
| BTIA42V32M63 | K226283 | 415 V | 250 V | 32M63 A | 4000 A ² s | 13900 A ² s | 80 kA | 40 kA | 2.4 W | 54 g |

Offset Tag fuse-links gM 415VAC/240VDC

PRODUCT RANGE



BTIS42V100M125

Type A3 415VAC/240VDC gM BTIS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTIS42V63M80 | R226289J | 415 V | 240 V | 63M80 A | 5500 A ² s | 38250 A ² s | 80 kA | 40 kA | 5.1 W | 60 g |
| BTIS42V63M100 | S226290J | 415 V | 240 V | 63M100 A | 14000 A ² s | 650000 A ² s | 80 kA | 40 kA | 5.5 W | 60 g |
| BTIS42V80M100 | G1065389 | 415 V | 240 V | 80M100 A | 14000 A ² s | 650000 A ² s | 80 kA | 40 kA | 6 W | 60 g |
| BTIS42V100M125 | N1019188 | 415 V | 240 V | 100M125 A | 28000 A ² s | 78400 A ² s | 80 kA | 40 kA | 9 W | 82 g |
| BTIS42V100M160 | Q1019190 | 415 V | 240 V | 100M160 A | 60000 A ² s | 168000 A ² s | 80 kA | 40 kA | 8.8 W | 88 g |

Type A3 415VAC/240VDC gM BTSDS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|-----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTSDS42V63M80 | H1019183 | 415 V | 240 V | 63M80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 5.1 W | 58 g |
| BTSDS42V63M100 | J1019184 | 415 V | 240 V | 63M100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 4.7 W | 58 g |
| BTSDS42V80M100 | W1054362 | 415 V | 240 V | 80M100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 6 W | 84 g |
| BTSDS42V100M125 | K1019185 | 415 V | 240 V | 100M125 A | 16000 A ² s | 70000 A ² s | 80 kA | 40 kA | 9.2 W | 84 g |

Type A4 415VAC /240VDC gM BTSD

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTSD42V63M80 | B1019200 | 415 V | 240 V | 63M80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 5.1 W | 60 g |
| BTSD42V63M100 | C1019201 | 415 V | 240 V | 63M100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 4.7 W | 60 g |
| BTSD42V80M100 | X1054363 | 415 V | 240 V | 80M100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 6 W | 60 g |
| BTSD42V100M125 | D1019202 | 415 V | 240 V | 100M125 A | 16000 A ² s | 70000 A ² s | 80 kA | 40 kA | 9.2 W | 60 g |



BTCP42V100M200

Type A4 415VAC/240VDC gM BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTCP42V100M125 | A226297 | 415 V | 240 V | 100M125 A | 28000 A ² s | 78400 A ² s | 80 kA | 40 kA | 9 W | 0.16 kg |
| BTCP42V100M160 | B226298 | 415 V | 240 V | 100M160 A | 60000 A ² s | 168000 A ² s | 80 kA | 40 kA | 8.8 W | 0.16 kg |
| BTCP42V100M200 | C226299 | 415 V | 240 V | 100M200 A | 105000 A ² s | 293000 A ² s | 80 kA | 40 kA | 8.1 W | 0.16 kg |

Type A4 415VAC/240VDC gM BTFP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTFP42V200M250 | G226303A | 415 V | 240 V | 200M250 A | 190000 A ² s | 532000 A ² s | 80 kA | 40 kA | 19.2 W | 0.29 kg |
| BTFP42V200M315 | H226304A | 415 V | 240 V | 200M315 A | 270000 A ² s | 756000 A ² s | 80 kA | 40 kA | 19.7 W | 0.29 kg |

Central Bolted Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE

Type B1 415VAC/240VDC gG BTBC 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|-----------------------|----------------------------------|----------------------------|----------------------------|----------------------------|---------|
| BTBC42V32 | J226305 | 415 V | 240 V | 32 A | 700 A ² s | 3000 A ² s | 80 kA | 40 kA | 3.6 W | 0.13 kg |
| BTBC42V40 | K226306 | 415 V | 240 V | 40 A | 1300 A ² s | 5850 A ² s | 80 kA | 40 kA | 4 W | 0.13 kg |
| BTBC42V50 | L226307 | 415 V | 240 V | 50 A | 2600 A ² s | 11700 A ² s | 80 kA | 40 kA | 4.8 W | 0.13 kg |
| BTBC42V63 | M226308 | 415 V | 240 V | 63 A | 4000 A ² s | 17500 A ² s | 80 kA | 40 kA | 5.9 W | 0.13 kg |

Type B1C 415VAC/240VDC gG BTC 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|--------|
| BTC42V80 | Y1045302 | 415 V | 240 V | 80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 6.5 W | 84.5 g |
| BTC42V100 | Z1045303 | 415 V | 240 V | 100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 7.5 W | 84.5 g |



BTBC42V100

Type B1 415VAC/240VDC gG BTC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|-------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|---------|
| BTC42V125 | E1019203 | 415 V | 240 V | 125 A | 28000 A ² s | 78400 A ² s | 80 kA | 40 kA | 11.3 W | 0.12 kg |
| BTC42V160 | F1019204 | 415 V | 240 V | 160 A | 60000 A ² s | 168000 A ² s | 80 kA | 40 kA | 8.8 W | 0.12 kg |
| BTC42V200 | W1066276 | 415 V | 240 V | 200 A | 105000 A ² s | 293000 A ² s | 80 kA | 40 kA | 16.2 W | 0.12 kg |

Type B1 415VAC /240VDC gG BTSDC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|--------|
| BTSDC42V80 | G1019205 | 415 V | 240 V | 80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 6.5 W | 86 g |
| BTSDC42V100 | H1019206 | 415 V | 240 V | 100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 7.5 W | 86 g |
| BTSDC42V125 | J1019207 | 415 V | 240 V | 125 A | 16000 A ² s | 70000 A ² s | 80 kA | 40 kA | 11.5 W | 86 g |

Type B2 415VAC/240VDC gG BTF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|-------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|---------|
| BTF42V125 | T226314 | 415 V | 240 V | 125 A | 17000 A ² s | 70000 A ² s | 80 kA | 40 kA | 9.2 W | 0.15 kg |
| BTF42V160 | V226315 | 415 V | 240 V | 160 A | 57000 A ² s | 150000 A ² s | 80 kA | 40 kA | 10.7 W | 0.15 kg |
| BTF42V200 | W226316 | 415 V | 240 V | 200 A | 105000 A ² s | 293000 A ² s | 80 kA | 40 kA | 16.2 W | 0.15 kg |



BTF42V125

Type B3 415VAC/240VDC gG BTKF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I_n | Pre-arcing I^2t | Clearing I^2t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I_n | Weight |
|----------------|-------------|------------------------|------------------------|---------------------|-------------------------|----------------------------------|----------------------------|----------------------------|----------------------------|---------|
| BTKF42V250 | Z226319 | 415 V | 240 V | 250 A | 190000 A ² s | 532000 A ² s | 80 kA | 40 kA | 24 W | 0.31 kg |
| BTKF42V315 | A226320 | 415 V | 240 V | 315 A | 270000 A ² s | 756000 A ² s | 80 kA | 40 kA | 31 W | 0.31 kg |



BTKF42V250

Central Bolted Tag fuse-links gG 415VAC/240VDC

PRODUCT RANGE



BTM42V315

Type B3X 415VAC/240VDC gG BTM 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTM42V250 | C226322 | 415 V | 240 V | 250 A | 190000 A ² s | 532000 A ² s | 80 kA | 40 kA | 24 W | 0.34 kg |
| BTM42V315 | D226323 | 415 V | 240 V | 315 A | 270000 A ² s | 756000 A ² s | 80 kA | 40 kA | 31 W | 0.34 kg |



BTMF42V400

Type B4 415VAC/240VDC gG BTMF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTMF42V355 | E226324 | 415 V | 240 V | 355 A | 395000 A ² s | 1106000 A ² s | 80 kA | 40 kA | 32 W | 0.61 kg |
| BTMF42V400 | F226325 | 415 V | 240 V | 400 A | 505000 A ² s | 1414000 A ² s | 80 kA | 40 kA | 38 W | 0.61 kg |



BTM42V400

Type C1 415VAC/240VDC gG BTM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTM42V355 | G226326 | 415 V | 240 V | 355 A | 395000 A ² s | 1106000 A ² s | 80 kA | 40 kA | 32 W | 0.73 kg |
| BTM42V400 | H226327 | 415 V | 240 V | 400 A | 505000 A ² s | 1414000 A ² s | 80 kA | 40 kA | 38 W | 0.73 kg |



BTTM42V630

Type C2 415VAC/240VDC gG BTTM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTTM42V450 | J226328 | 415 V | 240 V | 450 A | 650000 A ² s | 1820000 A ² s | 80 kA | 40 kA | 42 W | 1.1 kg |
| BTTM42V500 | K226329 | 415 V | 240 V | 500 A | 850000 A ² s | 2380000 A ² s | 80 kA | 40 kA | 48 W | 1.1 kg |
| BTTM42V560 | L226330 | 415 V | 240 V | 560 A | 1200000 A ² s | 3360000 A ² s | 80 kA | 40 kA | 50 W | 1.1 kg |
| BTTM42V630 | M226331 | 415 V | 240 V | 630 A | 1546000 A ² s | 4437000 A ² s | 80 kA | 40 kA | 54 W | 1.1 kg |

Type C3 415VAC/240VDC gG BTLM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|---------|
| BTLM42V670 | N226332 | 415 V | 240 V | 670 A | 1950000 A ² s | 5460000 A ² s | 80 kA | 40 kA | 60 W | 1.36 kg |
| BTLM42V710 | P226333 | 415 V | 240 V | 710 A | 2400000 A ² s | 6720000 A ² s | 80 kA | 40 kA | 62 W | 1.36 kg |
| BTLM42V750 | Q226334 | 415 V | 240 V | 750 A | 3000000 A ² s | 8400000 A ² s | 80 kA | 40 kA | 65 W | 1.36 kg |
| BTLM42V800 | R226335 | 415 V | 240 V | 800 A | 3769000 A ² s | 1.09E007 A ² s | 80 kA | 40 kA | 68 W | 1.36 kg |

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Central Bolted fuse-links gM 415VAC/240VDC

PRODUCT RANGE



BTC42V100M200

Type B1 415VAC/240VDC gM BTC 2 holes

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTC42V100M125 | Q226311 | 415 V | 240 V | 100M125 A | 28000 A ² s | 78400 A ² s | 80 kA | 40 kA | 9 W | 0.12 kg |
| BTC42V100M160 | R226312 | 415 V | 240 V | 100M160 A | 60000 A ² s | 168000 A ² s | 80 kA | 40 kA | 8.8 W | 0.12 kg |
| BTC42V100M200 | S226313 | 415 V | 240 V | 100M200 A | 105000 A ² s | 293000 A ² s | 80 kA | 40 kA | 8.1 W | 0.24 kg |

Type B1 415VAC/240VDC gM BTSDL

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|-----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|--------|
| BTSDC42V100M125 | M1019210 | 415 V | 240 V | 100M125 A | 16000 A ² s | 70000 A ² s | 80 kA | 40 kA | 9.2 W | 86 g |
| BTSDC42V63M100 | L1019209 | 415 V | 240 V | 63M100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 4.7 W | 86 g |
| BTSDC42V63M80 | K1019208 | 415 V | 240 V | 63M80 A | 8500 A ² s | 38250 A ² s | 80 kA | 40 kA | 5.1 W | 86 g |
| BTSDC42V80M100 | Y1054364 | 415 V | 240 V | 80M100 A | 14000 A ² s | 65000 A ² s | 80 kA | 40 kA | 6 W | 86 g |



BTF42V200M315

Type B2 415VAC/240VDC gM BTF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTF42V200M250 | X226317 | 415 V | 240 V | 200M250 A | 190000 A ² s | 532000 A ² s | 80 kA | 40 kA | 19.2 W | 0.29 kg |
| BTF42V200M315 | Y226318 | 415 V | 240 V | 200M315 A | 270000 A ² s | 756000 A ² s | 80 kA | 40 kA | 19.7 W | 0.29 kg |

Type B3 415VAC/240VDC gM BTFK 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTFK42V315M400 | B226321 | 415 V | 240 V | 315M400 A | 505000 A ² s | 1414000 A ² s | 80 kA | 40 kA | 30 W | 0.62 kg |

Offset Tag fuse-links gG 690VAC/460VDC

PRODUCT RANGE



BTIA69V16

Type A2 690VAC/460VDC gG BTIA

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|--------|
| BTIA69V2 | G1019251 | 690 V | 460 V | 2 A | 1 A ² s | 6.5 A ² s | 80 kA | 40 kA | 0.8 W | 56 g |
| BTIA69V4 | H1019252 | 690 V | 460 V | 4 A | 7.6 A ² s | 50 A ² s | 80 kA | 40 kA | 1.4 W | 56 g |
| BTIA69V6 | J1019253 | 690 V | 460 V | 6 A | 28 A ² s | 180 A ² s | 80 kA | 40 kA | 1.7 W | 56 g |
| BTIA69V10 | K1019254 | 690 V | 460 V | 10 A | 70 A ² s | 380 A ² s | 80 kA | 40 kA | 1.2 W | 56 g |
| BTIA69V16 | L1019255 | 690 V | 460 V | 16 A | 120 A ² s | 580 A ² s | 80 kA | 40 kA | 1.6 W | 56 g |
| BTIA69V20 | M1019256 | 690 V | 460 V | 20 A | 250 A ² s | 1450 A ² s | 80 kA | 40 kA | 1.7 W | 56 g |
| BTIA69V25 | N1019257 | 690 V | 460 V | 25 A | 420 A ² s | 2500 A ² s | 80 kA | 40 kA | 2 W | 56 g |
| BTIA69V32 | P1019258 | 690 V | 460 V | 32 A | 670 A ² s | 3900 A ² s | 80 kA | 40 kA | 2.9 W | 56 g |
| BTIA69V36 | S1019261 | 690 V | 460 V | 36 A | 700 A ² s | 4500 A ² s | 80 kA | 40 kA | 3.8 W | 56 g |
| BTIA69V40 | T1019262 | 690 V | 460 V | 40 A | 1300 A ² s | 7400 A ² s | 80 kA | 40 kA | 4 W | 56 g |
| BTIA69V50 | V1019263 | 690 V | 460 V | 50 A | 2600 A ² s | 15000 A ² s | 80 kA | 40 kA | 4.8 W | 56 g |
| BTIA69V63 | W1019264 | 690 V | 460 V | 63 A | 4000 A ² s | 23000 A ² s | 80 kA | 40 kA | 5.9 W | 56 g |

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BS-SYSTEM

Offset Tag fuse-links gG 690VAC/460VDC

PRODUCT RANGE



BTIS69V63

Type A3 690VAC/460VDC gG BTIS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTIS69V36 | N1006584 | 690 V | 460 V | 36 A | 700 A ² s | 4500 A ² s | 80 kA | 40 kA | 3.8 W | 57.8 g |
| BTIS69V40 | P1006585 | 690 V | 460 V | 40 A | 1300 A ² s | 7400 A ² s | 80 kA | 40 kA | 4 W | 57.8 g |
| BTIS69V50 | Q1006586 | 690 V | 460 V | 50 A | 2600 A ² s | 15000 A ² s | 80 kA | 40 kA | 4.8 W | 57.8 g |
| BTIS69V63 | R1006587 | 690 V | 460 V | 63 A | 4000 A ² s | 23000 A ² s | 80 kA | 40 kA | 5.9 W | 57.8 g |



BTCP69V100

Type A4 690VAC/460VDC gG BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTCP69V36 | H1019275 | 690 V | 460 V | 36 A | 700 A ² s | 4500 A ² s | 80 kA | 40 kA | 3.8 W | 82.6 g |
| BTCP69V40 | M1006606 | 690 V | 460 V | 40 A | 1300 A ² s | 7400 A ² s | 80 kA | 40 kA | 4 W | 82.6 g |
| BTCP69V50 | N1006607 | 690 V | 460 V | 50 A | 2600 A ² s | 15000 A ² s | 80 kA | 40 kA | 4.8 W | 82.6 g |
| BTCP69V63 | J1019276E | 690 V | 460 V | 63 A | 4000 A ² s | 23000 A ² s | 80 kA | 40 kA | 5.9 W | 82.6 g |
| BTCP69V80 | S1006611 | 690 V | 460 V | 80 A | 8500 A ² s | 48500 A ² s | 80 kA | 40 kA | 6.5 W | 82.6 g |
| BTCP69V100 | T1006612 | 690 V | 460 V | 100 A | 14000 A ² s | 80000 A ² s | 80 kA | 40 kA | 7.5 W | 82.6 g |

Offset Tag fuse-links gM 690VAC/460VDC

PRODUCT RANGE

Type A2 690VAC/460VDC gM BTIA

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating in M I _{ch} | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTIA69V10M16 | A1019751 | 690 V | 460 V | 10M16 A | 120 A ² s | 580 A ² s | 80 kA | 40 kA | 1 W | 56 g |
| BTIA69V16M20 | B1019752 | 690 V | 460 V | 16M20 A | 250 A ² s | 1450 A ² s | 80 kA | 40 kA | 1.4 W | 56 g |
| BTIA69V20M25 | Q1019259 | 690 V | 460 V | 20M25 A | 420 A ² s | 2500 A ² s | 80 kA | 40 kA | 1.6 W | 56 g |
| BTIA69V20M32 | R1019260 | 690 V | 460 V | 20M32 A | 670 A ² s | 3900 A ² s | 80 kA | 40 kA | 1.8 W | 56 g |
| BTIA69V25M32 | C1019753 | 690 V | 460 V | 25M32 A | 670 A ² s | 3900 A ² s | 80 kA | 40 kA | 2.3 W | 56 g |
| BTIA69V32M36 | A1019268 | 690 V | 460 V | 32M36 A | 700 A ² s | 4500 A ² s | 80 kA | 40 kA | 3.4 W | 56 g |
| BTIA69V32M40 | X1019265 | 690 V | 460 V | 32M40 A | 1300 A ² s | 7400 A ² s | 80 kA | 40 kA | 3.2 W | 56 g |
| BTIA69V32M50 | Y1019266 | 690 V | 460 V | 32M50 A | 2600 A ² s | 15000 A ² s | 80 kA | 40 kA | 3 W | 56 g |
| BTIA69V32M63 | Z1019267 | 690 V | 460 V | 32M63 A | 4000 A ² s | 23000 A ² s | 80 kA | 40 kA | 3 W | 56 g |



BTIS69V32M40

Type A3 690VAC/460VDC gM BTIS

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating in M I _{ch} | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at I _n | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------------------|--------|
| BTIS69V32M36 | C1019270 | 690 V | 460 V | 32M36 A | 700 A ² s | 4500 A ² s | 80 kA | 40 kA | 3.4 W | 57.5 g |
| BTIS69V32M40 | D1006598 | 690 V | 460 V | 32M40 A | 1300 A ² s | 7400 A ² s | 80 kA | 40 kA | 3.2 W | 57.5 g |
| BTIS69V32M50 | E1006599 | 690 V | 460 V | 32M50 A | 2600 A ² s | 15000 A ² s | 80 kA | 40 kA | 3 W | 57.5 g |
| BTIS69V32M63 | F1006600 | 690 V | 460 V | 32M63 A | 4000 A ² s | 23000 A ² s | 80 kA | 40 kA | 3 W | 57.5 g |

Offset Tag fuse-links gM 690VAC/460VDC

PRODUCT RANGE



BTCP69V63M80

Type A4 690VAC/460VDC gM BTCP

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M lch | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTCP69V32M36 | K1019277 | 690 V | 460 V | 32M36 A | 700 A ² s | 4500 A ² s | 80 kA | 40 kA | 3.4 W | 82 g |
| BTCP69V32M40 | L1019278 | 690 V | 460 V | 32M40 A | 1300 A ² s | 7400 A ² s | 80 kA | 40 kA | 3.2 W | 82 g |
| BTCP69V32M50 | M1019279 | 690 V | 460 V | 32M50 A | 2600 A ² s | 15000 A ² s | 80 kA | 40 kA | 3 W | 82 g |
| BTCP69V32M63 | N1019280 | 690 V | 460 V | 32M63 A | 4000 A ² s | 23000 A ² s | 80 kA | 40 kA | 3 W | 82 g |
| BTCP69V63M80 | V1006613 | 690 V | 460 V | 63M80 A | 8500 A ² s | 48500 A ² s | 80 kA | 40 kA | 5.1 W | 0.11 kg |
| BTCP69V63M100 | W1006614 | 690 V | 460 V | 63M100 A | 14000 A ² s | 80000 A ² s | 80 kA | 40 kA | 4.7 W | 0.11 kg |
| BTCP69V80M100* | Z1054365 | 690 V | 460 V | 80M100 A | 14000 A ² s | 80000 A ² s | 80 kA | 40 kA | 6 W | 0.11 kg |

* No asta

Central Bolted Tag fuse-links gG 690VAC/460VDC

PRODUCT RANGE



BTC69V80

Type B1 690VAC/460VDC gG BTC 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTC69V80 | B1019775 | 690 V | 460 V | 80 A | 8500 A ² s | 48500 A ² s | 80 kA | 40 kA | 6.5 W | 0.13 kg |
| BTC69V100 | A1006618 | 690 V | 460 V | 100 A | 14000 A ² s | 80000 A ² s | 80 kA | 40 kA | 7.5 W | 0.13 kg |



BTF69V200

Type B2 690VAC/460VDC gG BTF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTF69V125 | D1006621 | 690 V | 460 V | 125 A | 28000 A ² s | 140000 A ² s | 80 kA | 40 kA | 11.3 W | 0.31 kg |
| BTF69V160 | E1006622 | 690 V | 460 V | 160 A | 60000 A ² s | 300000 A ² s | 80 kA | 40 kA | 14.5 W | 0.31 kg |
| BTF69V200 | F1006623 | 690 V | 460 V | 200 A | 105000 A ² s | 350000 A ² s | 80 kA | 40 kA | 16.2 W | 0.31 kg |



BTKF69V250

Type B2 690VAC/460VDC gG BTKF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTKF69V250* | P1036991 | 690 V | 460 V | 250 A | 190000 A ² s | 700000 A ² s | 80 kA | 40 kA | 24 W | 0.59 kg |
| BTKF69V315* | Q1036992 | 690 V | 460 V | 315 A | 270000 A ² s | 1350000 A ² s | 80 kA | 40 kA | 31 W | 0.59 kg |

* No asta



BTMF69V355

Type B4 690VAC/460VDC gG BTMF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTMF69V250 | J1006626 | 690 V | 460 V | 250 A | 190000 A ² s | 700000 A ² s | 80 kA | 40 kA | 24 W | 0.62 kg |
| BTMF69V315 | K1006627 | 690 V | 460 V | 315 A | 270000 A ² s | 1350000 A ² s | 80 kA | 40 kA | 31 W | 0.62 kg |
| BTMF69V355 | L1006628 | 690 V | 460 V | 355 A | 395000 A ² s | 1975000 A ² s | 80 kA | 40 kA | 32 W | 0.62 kg |
| BTMF69V400 | M1006629 | 690 V | 460 V | 400 A | 505000 A ² s | 2525000 A ² s | 80 kA | 40 kA | 38 W | 0.62 kg |

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Central Bolted Tag fuse-links gM 690VAC/460VDC

PRODUCT RANGE



BTM69V63M100

Type B1 690VAC/460VDC gM BTC 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTC69V63M80 | B1006619 | 690 V | 460 V | 63M80 A | 8500 A ² s | 48500 A ² s | 80 kA | 40 kA | 5.1 W | 0.12 kg |
| BTC69V63M100 | C1006620 | 690 V | 460 V | 63M100 A | 14000 A ² s | 80000 A ² s | 80 kA | 40 kA | 4.7 W | 0.12 kg |
| BTC69V80M100* | A1054366 | 690 V | 460 V | 80M100 A | 14000 A ² s | 80000 A ² s | 80 kA | 40 kA | 6 W | 0.12 kg |

* No asta

Type B2 690VAC/460VDC gM BTF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTF69V125M160 | G1006624 | 690 V | 460 V | 125M160 A | 60000 A ² s | 300000 A ² s | 80 kA | 40 kA | 11.3 W | 0.31 kg |
| BTF69V125M200 | H1006625 | 690 V | 460 V | 125M200 A | 105000 A ² s | 350000 A ² s | 80 kA | 40 kA | 10.1 W | 0.31 kg |



BTMF69V315M400

Type B4 690VAC/460VDC gM BTMF 2 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Current rating In M Ich | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|-------------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTMF69V315M400 | N1006630 | 690 V | 460 V | 315M400 A | 505000 A ² s | 2525000 A ² s | 80 kA | 40 kA | 30 W | 0.62 kg |



BTM69V315

Type C1 690VAC/460VDC gG BTM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current In | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Rated breaking capacity DC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|------------------------|------------------|-----------------------------|--|----------------------------|----------------------------|-------------------------|---------|
| BTM69V250 | P1006631 | 690 V | 460 V | 250 A | 190000 A ² s | 700000 A ² s | 80 kA | 40 kA | 24 W | 0.69 kg |
| BTM69V315 | R1006633 | 690 V | 460 V | 315 A | 270000 A ² s | 1350000 A ² s | 80 kA | 40 kA | 31 W | 0.69 kg |
| BTM69V355 | S1006634 | 690 V | 460 V | 355 A | 395000 A ² s | 1975000 A ² s | 80 kA | 40 kA | 32 W | 0.69 kg |
| BTM69V400 | W1006637 | 690 V | 460 V | 400 A | 505000 A ² s | 2525000 A ² s | 80 kA | 40 kA | 38 W | 0.69 kg |

Central Bolted Tag fuse-links gG 690VAC

PRODUCT RANGE



BTTM69V560

Type C2 690VAC gG BTTM

| Catalog number | Item number | Rated voltage AC (IEC) | Current rating In M Ich | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|-------------------------|-----------------------------|--|----------------------------|-------------------------|---------|
| BTTM69V450 | Y1006639 | 690 V | 69V450 A | 650000 A ² s | 3300000 A ² s | 80 kA | 42 W | 1.11 kg |
| BTTM69V500 | Z1006640 | 690 V | 69V500 A | 850000 A ² s | 4250000 A ² s | 80 kA | 48 W | 1.11 kg |
| BTTM69V560 | A1006641 | 690 V | 69V560 A | 1200000 A ² s | 5800000 A ² s | 80 kA | 50 W | 1.11 kg |
| BTTM69V630 | B1006642 | 690 V | 69V630 A | 1546000 A ² s | 9800000 A ² s | 80 kA | 54 W | 1.11 kg |



BTLM69V670

Type C3 690VAC gG BTLM 4 hole

| Catalog number | Item number | Rated voltage AC (IEC) | Current rating In M Ich | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at In | Weight |
|----------------|-------------|------------------------|-------------------------|-----------------------------|--|----------------------------|-------------------------|--------|
| BTLM69V670 | D1019271 | 690 V | 69V670 A | 1950 kA ² s | 10100 kA ² s | 80 kA | 60 W | 1.4 kg |
| BTLM69V710 | E1019272 | 690 V | 69V710 A | 2400 kA ² s | 12000 kA ² s | 80 kA | 62 W | 1.4 kg |
| BTLM69V750 | F1019273 | 690 V | 69V750 A | 3000 kA ² s | 14200 kA ² s | 80 kA | 65 W | 1.4 kg |
| BTLM69V800 | G1019274 | 690 V | 69V800 A | 3769 A ² s | 15000 kA ² s | 80 kA | 68 W | 1.4 kg |

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Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V

PRODUCT RANGE



Type BFF - Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V Front wire connected (front - front)

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connection | Color | fuse-link type | Mersen neutral-link type | Package |
|----------------|-------------|------------------|-------------------|--------------------|-------|----------------|---|---------|
| BFF32F1 | A230138F | 550 | 32 | Front-Front | Black | F1 | BNS55Vxx | 6 |
| BFF32F1G | B1012553F | 550 | 32 | Front-Front | Green | F1 | | 6 |
| BFF32F1W | P239121F | 550 | 32 | Front-Front | White | F1 | BNEUTRALF1 | 6 |
| BFF63F2 | S239124F | 550 | 63 | Front-Front | Black | F2 | BES55Vxx | 6 |
| BFF63F2G | Z239130F | 550 | 63 | Front-Front | Green | F2 | BES42Vxx | 6 |
| BFF63F2W | W239127F | 550 | 63 | Front-Front | White | F2 | BNEUTRALF2 | 6 |
| BFF32A1 | D239088F | 550 | 32 | Front-Front | Black | A1 | BNIT55Vxx | 6 |
| BFF32A1G | K239094F | 550 | 32 | Front-Front | Green | A1 | | 6 |
| BFF32A1W | G239091F | 550 | 32 | Front-Front | White | A1 | BNEUTRALA1 | 6 |
| BFF32A2 | C230140F | 690 | 32 | Front-Front | Black | A2 | BTIA55Vxx | 6 |
| BFF32A2G | Z1012551F | 690 | 32 | Front-Front | Green | A2 | BTIA69Vxx | 6 |
| BFF32A2W | A1012552F | 690 | 32 | Front-Front | White | A2 | BNEUTRALA2 | 6 |
| BFF63A3 | F230143F | 690 | 63 | Front-Front | Black | A3 | BTSS42Vxx BTSDS42Vxx BTSDS42Vxxx BTIS69Vxx | 6 |
| BFF63A3G | Z239107F | 690 | 63 | Front-Front | Green | A3 | | 6 |
| BFF63A3W | W239104F | 690 | 63 | Front-Front | White | A3 | BNEUTRALA3 | 6 |
| BFF125A4 | H230145A | 690 | 125 | Front-Front | Black | A4 | BTSD42Vxxx BTCP42Vxxx BTCP69Vxxx | 1 |
| BFF125A4G | K239117A | 690 | 125 | Front-Front | Green | A4 | | 1 |
| BFF125A4W | D239111A | 690 | 125 | Front-Front | White | A4 | BNEUTRALA4 | 1 |

BS-SYSTEM



Type BBB - Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V Back stud connected (back - back)

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connection | Color | fuse-link type | Mersen neutral-link type | Package |
|----------------|-------------|------------------|-------------------|--------------------|-------|----------------|---|---------|
| BBB32F1 | N239120F | 550 | 32 | Back-Back | Black | F1 | BNS55Vxx | 6 |
| BBB32F1G | V1012547F | 550 | 32 | Back-Back | Green | F1 | | 6 |
| BBB32F1W | Q239122F | 550 | 32 | Back-Back | White | F1 | BNEUTRALF1 | 6 |
| BBB63F2 | T239125F | 550 | 63 | Back-Back | Black | F2 | BES55Vxx | 6 |
| BBB63F2G | A239131F | 550 | 63 | Back-Back | Green | F2 | BES42Vxx | 6 |
| BBB63F2W | X239128F | 550 | 63 | Back-Back | White | F2 | BNEUTRALF2 | 6 |
| BBB32A1 | E239089F | 550 | 32 | Back-Back | Black | A1 | BNIT55Vxx | 6 |
| BBB32A1G | L239095F | 550 | 32 | Back-Back | Green | A1 | | 6 |
| BBB32A1W | H239092F | 550 | 32 | Back-Back | White | A1 | BNEUTRALA1 | 6 |
| BBB32A2 | P1012542F | 690 | 32 | Back-Back | Black | A2 | BTIA55Vxx | 6 |
| BBB32A2G | S1012545F | 690 | 32 | Back-Back | Green | A2 | BTIA69Vxx | 6 |
| BBB32A2W | T1012546F | 690 | 32 | Back-Back | White | A2 | BNEUTRALA2 | 6 |
| BBB63A3 | V239103F | 690 | 63 | Back-Back | Black | A3 | BTSS42Vxx BTSDS42Vxx BTSDS42Vxxx BTIS69Vxx | 6 |
| BBB63A3G | A239108F | 690 | 63 | Back-Back | Green | A3 | | 6 |
| BBB63A3W | X239105F | 690 | 63 | Back-Back | White | A3 | BNEUTRALA3 | 6 |
| BBB125A4 | C239110A | 690 | 125 | Back-Back | Black | A4 | BTSD42Vxxx BTCP42Vxxx BTCP69Vxxx | 1 |
| BBB125A4G | L239118A | 690 | 125 | Back-Back | Green | A4 | | 1 |
| BBB125A4W | E239112A | 690 | 125 | Back-Back | White | A4 | BNEUTRALA4 | 1 |

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Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V

PRODUCT RANGE



Type BFB - Fuse-holders for Offset Blade & Central Bolted Tag Fuse-links 550V/690V Front Back (busbar) stud connected

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connection | Color | fuse-link type | Mersen neutral-link type | Package |
|----------------|-------------|------------------|-------------------|--------------------|-------|----------------|--|---------|
| BFB32F1 | B230139F | 550 | 32 | Front-Back | Black | F1 | BNS55Vxx | 6 |
| BFB32F1G | Y1012550F | 550 | 32 | Front-Back | Green | F1 | | 6 |
| BFB32F1W | R239123F | 550 | 32 | Front-Back | White | F1 | BNEUTRALF1 | 6 |
| BFB63F2 | V239126F | 550 | 63 | Front-Back | Black | F2 | BES55Vxx | 6 |
| BFB63F2G | B239132F | 550 | 63 | Front-Back | Green | F2 | BES42Vxx | 6 |
| BFB63F2W | Y239129F | 550 | 63 | Front-Back | White | F2 | BNEUTRALF2 | 6 |
| BFB32A1 | F239090F | 550 | 32 | Front-Back | Black | A1 | BNIT55Vxx | 6 |
| BFB32A1G | M239096F | 550 | 32 | Front-Back | Green | A1 | | 6 |
| BFB32A1W | J239093F | 550 | 32 | Front-Back | White | A1 | BNEUTRALA1 | 6 |
| BFB32A2 | D230141F | 690 | 32 | Front-Back | Black | A2 | BTIA55Vxx | 6 |
| BFB32A2G | W1012548F | 690 | 32 | Front-Back | Green | A2 | BTIA69Vxx | 6 |
| BFB32A2W | X1012549F | 690 | 32 | Front-Back | White | A2 | BNEUTRALA2 | 6 |
| BFB63A3 | G230144F | 690 | 63 | Front-Back | Black | A3 | BTSS42Vxx | 6 |
| BFB63A3G | B239109F | 690 | 63 | Front-Back | Green | A3 | BTSDS42Vxx BTSDS42Vxxx BTIS69Vxx | 6 |
| BFB63A3W | Y239106F | 690 | 63 | Front-Back | White | A3 | BNEUTRALA3 | 6 |
| BFB125A4 | J230146A | 690 | 125 | Front-Back | Black | A4 | BTSD42Vxxx BTCP42Vxxx BTCP69Vxxx | 1 |
| BFB125A4G | M239119A | 690 | 125 | Front-Back | Green | A4 | | 1 |
| BFB125A4W | F239113A | 690 | 125 | Front-Back | White | A4 | BNEUTRALA4 | 1 |



Phenolic Type - Fuse-holders for Offset Blade Fuse-links 550V Front wire connected (front - front) or Back stud connected (back - back)

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connection | Color | fuse-link type | Mersen fuse-link cat. number | Package |
|----------------|-------------|------------------|-------------------|--------------------|-------|----------------|------------------------------|---------|
| BNSH32F1 | T1036995F | 550 | 32 | Front-Front | Black | F1 | BNS55Vxx | 6 |
| BNSP32F1 | W1036297F | 550 | 32 | Back-Back | Black | F1 | | 6 |

Neutral-links for BS88 fuse-holders for BS88

PRODUCT RANGE

Neutral-links for fuse-holders for BS88 fuse-links

| Catalog number | Item number | Rated voltage AC | Rated current (A) | Type of connection | Color | fuse-link type | Mersen neutral-link type | Package |
|----------------|-------------|------------------|-------------------|--------------------|-------|----------------|--------------------------|---------|
| BNEUTRALF1 | D239134J | 550 | 32 | - | - | F1 | - | 10 |
| BNEUTRALF2 | E239135J | 550 | 63 | - | - | F2 | - | 10 |
| BNEUTRALA1 | F239136J | 550 | 32 | - | - | A1 | - | 10 |
| BNEUTRALA2 | G239137J | 690 | 32 | - | - | A2 | - | 10 |
| BNEUTRALA3 | H239138J | 690 | 63 | - | - | A3 | - | 10 |
| BNEUTRALA4 | J239139J | 690 | 125 | - | - | A4 | - | 10 |



UL - LOW VOLTAGE
FUSE SYSTEM



**UL/CSA LISTED
POWER FUSES** **188 - 197**

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UL-FUSES



A4BQ - Time Delay/Class L

Volts: 600VAC, 500VDC
Amps: AC - 100 to 6000A, DC - 100 to 3000A
IR: 200kA I.R. AC, 100kA I.R. DC (Self-certified for 600VAC, 300kA I.R., UL witnessed).

| Catalog Numbers | | | |
|-----------------|----------|----------|----------|
| A4BQ100 | A4BQ600 | A4BQ1350 | A4BQ3000 |
| A4BQ150 | A4BQ601 | A4BQ1400 | A4BQ3500 |
| A4BQ200 | A4BQ650 | A4BQ1500 | A4BQ3800 |
| A4BQ250 | A4BQ700 | A4BQ1600 | A4BQ4000 |
| A4BQ300 | A4BQ750 | A4BQ1800 | A4BQ5000 |
| A4BQ350 | A4BQ800 | A4BQ1900 | A4BQ6000 |
| A4BQ400 | A4BQ900 | A4BQ2000 | |
| A4BQ450 | A4BQ1000 | A4BQ2500 | |
| A4BQ500 | A4BQ1200 | A4BQ2501 | |

Note: For remote blown fuse trigger actuator option add "-TA" to end of catalog number. Example: A4BQ1600-TA

Recommended Fuse Blocks for Amp-Trap® Class L Fuses

| Fuse Ampere Rating | Catalog Number 600V or Less 3 Pole |
|--------------------|------------------------------------|
| 100-800 | P48F |
| 801-1200 | P412F |

Catalog number P48F is UL recognized
 Catalog number P412F is self-certified



A4BY - Class L

Volts: 600VAC, 300VDC
Amps: 200 to 6,000A (AC), 200 to 2,500A (DC)
IR: 200kA.I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|-----------------|----------|----------|----------|
| A4BY200 | A4BY700 | A4BY1350 | A4BY2500 |
| A4BY250 | A4BY750 | A4BY1400 | A4BY3000 |
| A4BY300 | A4BY800 | A4BY1500 | A4BY3001 |
| A4BY350 | A4BY801 | A4BY1600 | A4BY3500 |
| A4BY400 | A4BY900 | A4BY1601 | A4BY4000 |
| A4BY450 | A4BY1000 | A4BY1800 | A4BY4001 |
| A4BY500 | A4BY1100 | A4BY2000 | A4BY4500 |
| A4BY600 | A4BY1200 | A4BY2001 | A4BY5000 |
| A4BY601 | A4BY1201 | A4BY2200 | A4BY6000 |
| A4BY650 | | | |

Note: For optional blown fuse trigger indicator add "-TI" to the end of part number. Example: A4BY1600-TI. Consult factory for availability.

Recommended Fuse Blocks for Amp-Trap® Class L Fuses

| Fuse Ampere Rating | Catalog Number 600V or Less 3 Pole |
|--------------------|------------------------------------|
| 100-800 | P48F |
| 801-1200 | P412F |

Catalog number P48F is UL recognized
 Catalog number P412F is self-certified
A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



A4BT - Time Delay/Class L

Volts: 600VAC, 500VDC
Amps: 200 to 2,000A
IR: 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|-----------------|---------|----------|----------|
| A4BT200 | A4BT500 | A4BT800 | A4BT1400 |
| A4BT250 | A4BT600 | A4BT900 | A4BT1500 |
| A4BT300 | A4BT601 | A4BT1000 | A4BT1600 |
| A4BT350 | A4BT650 | A4BT1100 | A4BT1800 |
| A4BT400 | A4BT700 | A4BT1200 | A4BT2000 |
| A4BT450 | A4BT750 | | |

Recommended Fuse Blocks for Amp-Trap® Class L Fuses

| Fuse Ampere Rating | Catalog Number 600V or Less 3 Pole |
|--------------------|------------------------------------|
| 100-800 | P48F |
| 801-1200 | P412F |

Catalog number P48F is UL recognized
 Catalog number P412F is self-certified
A variety of pole configurations and termination provisions are available. Refer to Section FB for details.

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A2D-R & A6D-R - Time Delay/Class RK1

A2D-R
Volts: 250VAC/DC
Amps: 1/10 to 600A (AC),
 15 to 600A (DC)
IR: 200kA I.R. AC,
 100kA I.R. DC

A6D-R
Volts: 600VAC/DC
Amps: 1/10 to 600A
IR: 200kA I.R. AC, 100kA I.R. DC (Self-certified for
 300kA I.R., UL witnessed.)

| Catalog Number | | | | | |
|----------------|------------|---------|------------|------------|---------|
| 250V | | | 600V | | |
| A2D1/10R | A2D3-1/2R | A2D50R | A6D1/10R | A6D3-1/2R | A6D50R |
| A2D15/100R | A2D4R | A2D60R | A6D15/100R | A6D4R | A6D60R |
| A2D2/10R | A2D4-1/2R | A2D70R | A6D2/10R | A6D4-1/2R | A6D70R |
| A2D3/10R | A2D5R | A2D75R | A6D3/10R | A6D5R | - |
| A2D4/10R | A2D5-6/10R | A2D80R | A6D4/10R | A6D5-6/10R | A6D80R |
| A2D1/2R | A2D6R | A2D90R | A6D1/2R | A6D6R | A6D90R |
| A2D6/10R | A2D6-1/4R | A2D100R | A6D6/10R | A6D6-1/4R | A6D100R |
| A2D8/10R | A2D7R | A2D110R | A6D8/10R | A6D7R | A6D110R |
| A2D1R | A2D8R | A2D125R | A6D1R | A6D8R | A6D125R |
| A2D1-1/8R | A2D9R | A2D150R | A6D1-1/8R | A6D9R | A6D150R |
| A2D1-1/4R | A2D10R | A2D175R | A6D1-1/4R | A6D10R | A6D175R |
| A2D1-4/10R | A2D12R | A2D200R | A6D1-4/10R | A6D12R | A6D200R |
| A2D1-6/10R | A2D15R | A2D225R | A6D1-6/10R | A6D15R | A6D225R |
| A2D1-8/10R | A2D17-1/2R | A2D250R | A6D1-8/10R | A6D17-1/2R | A6D250R |
| A2D2R | A2D20R | A2D300R | A6D2R | A6D20R | A6D300R |
| A2D2-1/4R | A2D25R | A2D350R | A6D2-1/4R | A6D25R | A6D350R |
| A2D2-1/2R | A2D30R | A2D400R | A6D2-1/2R | A6D30R | A6D400R |
| A2D2-8/10R | A2D35R | A2D450R | A6D2-8/10R | A6D35R | A6D450R |
| A2D3R | A2D40R | A2D500R | A6D3R | A6D40R | A6D500R |
| A2D3-2/10R | A2D45R | A2D600R | A6D3-2/10R | A6D45R | A6D600R |

Note: SmartSpot visual indicator is not available (1/10-7A)

Recommended Fuse Blocks With Box Connectors for Amp-Trap® Class RK1 Fuses

| Catalog Number | | | |
|----------------|--------|--------------|--------|
| 250V or Less | | 600V or Less | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |
| 2631R | 2633R | 6631R | 6633R |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.

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A2K-R & A6K-R - Fast Acting/Class RK1

A2K-R
 Volts: 250VAC/DC
 Amps: 1 to 600A
 IR: 200kA I.R. AC, 20kA I.R. DC

A6K-R
 Volts: 600VAC / 300VDC
 Amps: 1 to 600A
 IR: 200kA I.R. AC, 20kA I.R. DC

| Catalog Number | | | | | |
|----------------|---------|---------|--------|---------|---------|
| 250V | | | 600V | | |
| A2K1R | A2K35R | A2K175R | A6K1R | A6K35R | A6K175R |
| A2K3R | A2K40R | A2K200R | A6K3R | A6K40R | A6K200R |
| - | A2K45R | A2K225R | A6K4R | A6K45R | A6K225R |
| A2K5R | A2K50R | A2K250R | A6K5R | A6K50R | A6K250R |
| A2K6R | A2K60R | A2K300R | A6K6R | A6K60R | A6K300R |
| - | A2K70R | A2K350R | A6K8R | A6K70R | A6K350R |
| A2K10R | A2K80R | A2K400R | A6K10R | A6K80R | A6K400R |
| A2K15R | A2K100R | A2K500R | A6K15R | A6K100R | A6K500R |
| A2K20R | A2K110R | A2K600R | A6K20R | A6K110R | A6K600R |
| A2K25R | A2K125R | - | A6K25R | A6K125R | - |
| A2K30R | A2K150R | - | A6K30R | A6K150R | - |

Recommended Fuse Blocks With Box Connectors for Amp-Trap® Class RK1 Fuses

| Catalog Number | | | |
|----------------|--------|--------|--------|
| 250V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |
| 2631R | 2633R | 6631R | 6633R |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.

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TR-R & TRS-R - Time Delay/Class RK5

TR-R

Volts: 250VAC; 250VDC (1-2.8A; 35-400A); 160VDC (3-30A; 450-600A)

Amps: 1/10 to 600A

IR: 200kA I.R. AC / 20kA I.R. DC

TRS-R

Volts: 600VAC; 600VDC (1-12A; 70-600A); 300VDC (15-60A)

Amps: 1/10 to 600A

IR: 200kA I.R. AC; 1/10A to 60A -> 20kA I.R. DC; 70A to 600A -> 100kA I.R. DC

| Catalog Number | | | | | |
|----------------|------------|--------|-------------|-------------|---------|
| 250V | | | 600V | | |
| TR1/10R* | TR3-1/2R* | TR50R | TRS1/10R* | TRS3-1/2R* | TRS50R |
| TR15/100R* | TR4R* | TR60R | TRS15/100R* | TRS4R* | TRS60R |
| TR2/10R* | TR4-1/2R* | TR70R | TRS2/10R* | TRS4-1/2R* | TRS70R |
| TR3/10R* | TR5R* | TR75R* | TRS3/10R* | TRS5R* | TRS75R* |
| TR4/10R* | TR5-6/10R* | TR80R | TRS4/10R* | TRS5-6/10R* | TRS80R |
| TR1/2R* | TR6R* | TR90R | TRS1/2R* | TRS6R* | TRS90R |
| TR6/10R* | TR6-1/4R* | TR100R | TRS6/10R* | TRS6-1/4R* | TRS100R |
| TR8/10R* | TR7R* | TR110R | TRS8/10R* | TRS7R* | TRS110R |
| TR1R* | TR8R | TR125R | TRS1R* | TRS8R | TRS125R |
| TR1-1/8R* | TR9R | TR150R | TRS1-1/8R* | TRS9R | TRS150R |
| TR1-1/4R* | TR10R | TR175R | TRS1-1/4R* | TRS10R | TRS175R |
| TR1-4/10R* | TR12R | TR200R | TRS1-4/10R* | TRS12R | TRS200R |
| TR1-6/10R* | TR15R | TR225R | TRS1-6/10R* | TRS15R | TRS225R |
| TR1-8/10R* | TR17-1/2R | TR250R | TRS1-8/10R* | TRS17-1/2R | TRS250R |
| TR2R* | TR20R | TR300R | TRS2R* | TRS20R | TRS300R |
| TR2-1/4R* | TR25R | TR350R | TRS2-1/4R* | TRS25R | TRS350R |
| TR2-1/2R* | TR30R | TR400R | TRS2-1/2R* | TRS30R | TRS400R |
| TR2-8/10R* | TR35R | TR450R | TRS2-8/10R* | TRS35R | TRS450R |
| TR3R* | TR40R | TR500R | TRS3R* | TRS40R | TRS500R |
| TR3-2/10R* | TR45R | TR600R | TRS3-2/10R* | TRS45R | TRS600R |

Note: Optional blown fuse visual indication available. To order, place "ID" at the end of the catalog number. Example: #TRS30RID
 * Not available with optional blow fuse indicator.
 Tin plated end caps are available on Non-ID fuses less than 60A.
 Example Part # TRP30R, TRSP30R

UL-FUSES

Recommended Fuse Blocks With Box Connectors For Tri-Onic® Class RK5 Fuses

| Catalog Number | | | |
|----------------|--------|--------|--------|
| 250V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |
| 2631R | 2633R | 6631R | 6633R |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



TRS-RDC - Time Delay/Class RK5

Volts: 300VDC (0.1 to 30A); 600VDC (35 to 400A)
Amps: 1/10 to 400A
IR: 20kA I.R. DC

| Catalog Numbers | | | |
|-----------------|--------------|--------------|-----------|
| TRS1/10RDC | TRS1-8/10RDC | TRS6-1/4RDC | TRS60RDC |
| TRS15/100RDC | TRS2RDC | TRS8RDC | TRS70RDC |
| TRS2/10RDC | TRS2-1/4RDC | TRS9RDC | TRS80RDC |
| TRS3/10RDC | TRS2-1/2RDC | TRS10RDC | TRS90RDC |
| TRS4/10RDC | TRS2-8/10RDC | TRS12RDC | TRS100RDC |
| TRS1/2RDC | TRS3RDC | TRS15RDC | TRS125RDC |
| TRS6/10RDC | TRS3-2/10RDC | TRS17-1/2RDC | TRS150RDC |
| TRS8/10RDC | TRS3-1/2RDC | TRS20RDC | TRS175RDC |
| TRS1RDC | TRS4RDC | TRS30RDC | TRS200RDC |
| TRS1-1/8RDC | TRS4-1/2RDC | TRS35RDC | TRS250RDC |
| TRS1-1/4RDC | TRS5RDC | TRS40RDC | TRS300RDC |
| TRS1-4/10RDC | TRS5-6/10RDC | TRS45RDC | TRS400RDC |
| TRS1-6/10RDC | TRS6RDC | TRS50RDC | - |

Recommended Fuse Blocks With Box Connectors For Tri-Onic® Class RK5 Fuses

| Catalog Number | | | |
|----------------|--------|--------|--------|
| 250V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 20306R | 20308R | 60306R | 60308R |
| 20606R | 20608R | 60606R | 60608R |
| 21036R | 21038R | 61036R | 61038R |
| 22001R | 22003R | 62001R | 62003R |
| 24001R | 24003R | 64001R | 64003R |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



AJT - Time Delay/Class J

Volts: 600VAC or less, 500VDC or less
Amps: 1 to 600A
IR: 200kA I.R. AC, 100kA I.R. DC (Self-certified for 600VAC, 300kA I.R., UL witnessed).

| Catalog Numbers | | | |
|-----------------|-----------|--------|--------|
| AJT1 | AJT4-1/2 | AJT25 | AJT125 |
| AJT1-1/4 | AJT5 | AJT30 | AJT150 |
| AJT1-1/2 | AJT5-6/10 | AJT35 | AJT175 |
| AJT1-6/10 | AJT6 | AJT40 | AJT200 |
| AJT1-8/10 | AJT6-1/4 | AJT45 | AJT225 |
| AJT2 | AJT7 | AJT50 | AJT250 |
| AJT2-1/4 | AJT8 | AJT60 | AJT300 |
| AJT2-1/2 | AJT9 | AJT70 | AJT350 |
| AJT2-8/10 | AJT10 | AJT80 | AJT400 |
| AJT3 | AJT12 | AJT90 | AJT450 |
| AJT3-2/10 | AJT15 | AJT100 | AJT500 |
| AJT3-1/2 | AJT17-1/2 | AJT110 | AJT600 |
| AJT4 | AJT20 | | |

Note: SmartSpot visual indicator is not available (1-7A)

Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number | |
|----------------|--------|
| 600V or Less | |
| 1 Pole | 3 Pole |
| US3J1I | US3J3I |
| US6J1I | US6J3I |
| 61036J | 61038J |
| 62001J | 62003J |
| 64031J | 64033J |
| 6631J | 6633J |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



AJT Reducer Fuses- Time Delay/Class J

Volts: 600VAC, 500VDC
Amps: 125 to 200A (in 400A body), 250 to 400A (in 600A body)
IR: 200kA I.R. AC, 100kA I.R. DC (Self-certified for 600VAC, 300kA I.R., UL witnessed)

| Catalog Numbers | Amp Rating | Body Size |
|-----------------|------------|-----------|
| AJT125/400 | 125A | 400A |
| AJT150/400 | 150A | |
| AJT175/400 | 175A | |
| AJT200/400 | 200A | |
| AJT250/600 | 250A | 600A |
| AJT300/600 | 300A | |
| AJT350/600 | 350A | |
| AJT400/600 | 400A | |

Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number | |
|----------------|--------|
| 600V or Less | |
| 1 Pole | 3 Pole |
| 64031J | 64033J |
| 6631J | 6633J |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.



HSJ - High Speed/Class J

Volts: 600VAC, 500VDC
Amps: 1 to 600A (AC), 15 to 600A (DC)
IR: 200kA I.R. AC, 100kA I.R. DC, L/R =10mS or less
 (Self Certified for 600VAC, 300kA I.R., UL witnessed.)

| Catalog Numbers | | | |
|-----------------|-------|--------|--------|
| HSJ1 | HSJ30 | HSJ90 | HSJ250 |
| HSJ3 | HSJ35 | HSJ100 | HSJ300 |
| HSJ6 | HSJ40 | HSJ110 | HSJ350 |
| HSJ10 | HSJ45 | HSJ125 | HSJ400 |
| HSJ15 | HSJ50 | HSJ150 | HSJ450 |
| HSJ17-1/2 | HSJ60 | HSJ175 | HSJ500 |
| HSJ20 | HSJ70 | HSJ200 | HSJ600 |
| HSJ25 | HSJ80 | HSJ225 | |

Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number | |
|----------------|--------|
| 600V or Less | |
| 1 Pole | 3 Pole |
| US3J1I | US3J3I |
| US6J1I | US6J3I |
| 61036J | 61038J |
| 62001J | 62003J |
| 64031J | 64033J |
| 6631J | 6633J |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



A4J - Fast Acting/Class J

Volts: 600VAC, 300VDC
Amps: 1 to 600A
IR: 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|-----------------|-------|--------|--------|
| A4J1 | A4J35 | A4J90 | A4J250 |
| A4J3 | A4J40 | A4J100 | A4J300 |
| A4J6 | A4J45 | A4J110 | A4J350 |
| A4J10 | A4J50 | A4J125 | A4J400 |
| A4J15 | A4J60 | A4J150 | A4J450 |
| A4J20 | A4J70 | A4J175 | A4J500 |
| A4J25 | A4J75 | A4J200 | A4J600 |
| A4J30 | A4J80 | A4J225 | |

Recommended Fuse Blocks With Box Connectors For Amp-Trap® Class J Fuses

| Catalog Number | |
|----------------|--------|
| 600V or Less | |
| 1 Pole | 3 Pole |
| US3J1I | US3J3I |
| US6J1I | US6J3I |
| 61036J | 61038J |
| 62001J | 62003J |
| 64031J | 64033J |
| 6631J | |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



US3J & US6J UltraSafe™ Class J Fuse Holders

Volts: 600VAC/DC
Amps: US3J - 30A Maximum, US6J - 60A Maximum
SCCR: 200kA
 Min. voltage to operate indicator light:
 90VAC, 115VDC (Less than 0.7 mA leakage current at 600V)

| Catalog Numbers | |
|-----------------|--------|
| US3J1 | US3J1I |
| US3J2 | US3J2I |
| US3J3 | US3J3I |
| US6J1 | US6J1I |
| US6J2 | US6J2I |
| US6J3 | US6J3I |

ACCESSORIES

| Catalog Number | |
|----------------|---------|
| US3JN | US6JN |
| US3JPAK | US6JPAK |

UL-FUSES



ATDR - Time Delay/Class CC

Volts: 600VAC, 300VDC
Amps: 1/4 to 30A
IR: 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | | |
|-----------------|------------|------------|-----------|------------|
| ATDR1/4 | ATDR1-1/2 | ATDR3 | ATDR6 | ATDR12 |
| ATDR1/2 | ATDR1-6/10 | ATDR3-2/10 | ATDR6-1/4 | ATDR15 |
| ATDR8/10 | ATDR1-8/10 | ATDR3-1/2 | ATDR7 | ATDR17-1/2 |
| ATDR1 | ATDR2 | ATDR4 | ATDR7-1/2 | ATDR20 |
| ATDR1-1/8 | ATDR2-1/4 | ATDR4-1/2 | ATDR8 | ATDR25 |
| ATDR1-1/4 | ATDR2-1/2 | ATDR5 | ATDR9 | ATDR30 |
| ATDR1-4/10 | ATDR2-8/10 | ATDR5-6/10 | ATDR10 | - |

Recommended Fuse Blocks For Class CC Fuses

| Catalog Number | | |
|--|---|----------------------|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |



ATQR - Time Delay/Class CC

Volts: 600VAC (1/10-30A), 300VDC (3-2/10 - 30A)
Amps: 1/10 to 30A
IR: 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|-----------------|------------|------------|------------|
| ATQR1/10 | ATQR8/10 | ATQR2-8/10 | ATQR7-1/2 |
| ATQR1/8 | ATQR1 | ATQR3 | ATQR8 |
| ATQR3/16 | ATQR1-1/8 | ATQR3-2/10 | ATQR9 |
| ATQR2/10 | ATQR1-1/4 | ATQR3-1/2 | ATQR10 |
| ATQR1/4 | ATQR1-4/10 | ATQR4 | ATQR12 |
| ATQR3/10 | ATQR1-1/2 | ATQR4-1/2 | ATQR15 |
| ATQR4/10 | ATQR1-6/10 | ATQR5 | ATQR17-1/2 |
| ATQR1/2 | ATQR1-8/10 | ATQR5-6/10 | ATQR20 |
| ATQR6/10 | ATQR2 | ATQR6 | ATQR25 |
| ATQR3/4 | ATQR2-1/4 | ATQR6-1/4 | ATQR30 |
| - | ATQR2-1/2 | ATQR7 | - |

Recommended Fuse Blocks For Class CC Fuses

| Catalog Number | | |
|--|---|----------------------|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |



ATMR - Fast Acting/Class CC

Volts: 600VAC / DC
Amps: 1/10 to 30A
IR: 200kA I.R. AC, 100kA I.R. DC

| Catalog Numbers | | | |
|-----------------|-----------|-------|--------|
| ATMR1/10 | ATMR1 | ATMR4 | ATMR10 |
| ATMR1/8 | ATMR1-1/4 | ATMR5 | ATMR12 |
| ATMR2/10 | ATMR1-1/2 | ATMR6 | ATMR15 |
| ATMR1/4 | ATMR2 | ATMR7 | ATMR20 |
| ATMR3/10 | ATMR2-1/2 | ATMR8 | ATMR25 |
| ATMR1/2 | ATMR3 | ATMR9 | ATMR30 |
| ATMR3/4 | ATMR3-1/2 | - | - |

Recommended Fuse Blocks For Amp-Trap® Class CC Fuses

| Catalog Number | | |
|--|---|----------------------|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



Modulostar™ CUSCC

| Catalog Numbers | | | | | |
|-------------------|--------|---------|-------------------------|---------|----------|
| Without indicator | | | With standard indicator | | |
| CUSCC1 | CUSCC2 | CUSCC3N | CUSCC1I | CUSCC2I | CUSCC3NI |
| CUSCC1N | CUSCC3 | CUSCC4 | CUSCC1NI | CUSCC3I | CUSCC4I |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.



AG - Class G

Volts: 600VAC (1/2 to 20A), 480VAC (25 to 60A)
Amps: 1/2 to 60A
IR: 100kA I.R. AC

Catalog Numbers

| | | | | | | |
|---------|-----|-----|------|------|------|------|
| AG1/2 | AG2 | AG5 | AG10 | AG25 | AG40 | AG50 |
| AG1 | AG3 | AG6 | AG15 | AG30 | AG45 | AG60 |
| AG1-1/2 | AG4 | AG8 | AG20 | AG35 | | |



OT/OTN/OTS - Class K-5

OT
Volts: 250VAC / DC
Amps: 1 to 600A
IR: 50kA I.R. AC, 20kA I.R. DC

OTN (Canada)*
Volts: 250VAC
Amps: 15 to 60A
IR: 50kA I.R. AC

OTS
Volts: 600VAC / 300VDC
Amps: 1 to 600A
IR: 50kA I.R. AC, 20kA I.R. DC

**The Canadian Electrical Code requires these fuses in ratings 15 through 60A to be of the low melting point design; use OTN 15-60.*

Catalog Numbers

| 250V | | | 600V | | |
|--------------|--------------|-------|-------|--------|--------|
| OT1 | OT30, OTN30* | OT125 | OTS1 | OTS30 | OTS125 |
| OT2 | OT35, OTN35* | OT150 | OTS2 | OTS35 | OTS150 |
| OT3 | OT40, OTN40* | OT175 | OTS3 | OTS40 | OTS175 |
| OT4 | OT45, OTN45* | OT200 | OTS4 | OTS45 | OTS200 |
| OT5 | OT50, OTN50* | OT225 | OTS5 | OTS50 | OTS225 |
| OT6 | OT60, OTN60* | OT250 | OTS6 | OTS60 | OTS250 |
| OT7 | OT65 | OT300 | - | - | OTS300 |
| OT8 | OT70 | OT350 | OTS8 | OTS70 | OTS350 |
| OT10 | OT75 | OT400 | OTS10 | OTS75 | OTS400 |
| OT12 | OT80 | OT450 | OTS12 | OTS80 | OTS450 |
| OT15, OTN15* | OT90 | OT500 | OTS15 | OTS90 | OTS500 |
| OT20, OTN20* | OT100 | OT600 | OTS20 | OTS100 | OTS600 |
| OT25, OTN25* | OT110 | - | OTS25 | OTS110 | - |

** In Canada*



A3T & A6T - Fast Acting/Class T

A3T
Volts: 300VAC / 160VDC
Amps: 1 to 1200A
IR: 200kA I.R. AC, 50kA I.R. DC

A6T
Volts: 600VAC / 300VDC
Amps: 1 to 800A
IR: 200kA I.R. AC, 100kA I.R. DC

Catalog Numbers

| 250V | | | 600V | | |
|-------|--------|---------|-------|--------|--------|
| A3T1 | A3T60 | A3T300 | A6T1 | A6T60 | A6T300 |
| A3T3 | A3T70 | A3T350 | A6T3 | A6T70 | A6T350 |
| A3T6 | A3T80 | A3T400 | A6T6 | A6T80 | A6T400 |
| A3T10 | A3T90 | A3T450 | A6T10 | A6T90 | A6T450 |
| A3T15 | A3T100 | A3T500 | A6T15 | A6T100 | A6T500 |
| A3T20 | A3T110 | A3T600 | A6T20 | A6T110 | A6T600 |
| A3T25 | A3T125 | A3T700 | A6T25 | A6T125 | A6T700 |
| A3T30 | A3T150 | A3T800 | A6T30 | A6T150 | A6T800 |
| A3T35 | A3T175 | A3T1000 | A6T35 | A6T175 | - |
| A3T40 | A3T200 | A3T1200 | A6T40 | A6T200 | - |
| A3T45 | A3T225 | - | A6T45 | A6T225 | - |
| A3T50 | A3T250 | - | A6T50 | A6T250 | - |

Recommended Fuse Blocks With Box Connectors For One-Time Class K-5 Fuses

| Catalog Number | | |
|--|---|----------------------|
| Screw Connector w/ Double Quick Connects | Pressure Plate Connector w/ Double Quick Connects | Copper Box Connector |
| 30310R | 30320R | 30350R |
| 30311R | 30321R | 30351R |
| 30312R | 30322R | 30352R |
| 30313R | 30323R | 30353R |
| - | - | - |

Recommended Fuse Blocks With Box Connectors for Amp-Trap® Class T Fuses

| Catalog Number | | | |
|----------------|--------|--------|--------|
| 300V | | 600V | |
| 1 Pole | 3 Pole | 1 Pole | 3 Pole |
| 30306T | 30308T | 60306T | 60308T |
| 30606T | 30608T | 60606T | 60608T |
| 31001T | 31003T | 61031T | 61033T |
| 32031T | 32033T | 62031T | 62033T |
| 34031T | 34033T | 64031T | - |
| 36031T | - | 66031T | - |

A variety of pole configurations and termination provisions are available. Refer to Section FB for details.



Class C - Canadian Fuses

Volts: 600VAC, 460VDC, 450VDC, 350VDC
Amps: 2 to 600A
I.R.: 200kA I.R. AC (2-600A), 40kA I.R. DC
460VDC: FES (2-60A), FESF (250-400A), FESC (250-400A)
450VDC: FESC (450-600A)
350VDC: FES (80-100A, FESC (80-200A)

| Catalog Numbers | | | | | |
|-----------------|-------|--------|---------|---------|---------|
| FES2 | FES25 | FES100 | FESC100 | FESF300 | FESC350 |
| FES4 | FES30 | FES125 | FESC125 | FESF350 | FESC400 |
| FES6 | FES40 | FES150 | FESC150 | FESF400 | FESC450 |
| FES10 | FES50 | FES200 | FESC200 | FESC250 | FESC500 |
| FES15 | FES60 | FESC80 | FESF250 | FESC300 | FESC600 |
| FES20 | FES80 | - | - | - | - |



NRN/NRS Class H - Canadian Fuses

Volts: 600VAC, 460VDC, 450VDC, 350VDC
Amps: 2 to 600A
I.R.: 200kA I.R. AC (2-600A), 40kA I.R. DC
460VDC: FES (2-60A), FESF (250-400A), FESC (250-400A)
450VDC: FESC (450-600A)
350VDC: FES (80-100A, FESC (80-200A)

| Catalog Numbers | | | | | |
|--------------------------|--------|--------|--------------------------|--------|--------|
| 250V Fuse Ampere Ratings | | | 600V Fuse Ampere Ratings | | |
| NRN1 | NRN35* | NRN150 | NRS1 | NRS35 | NRS150 |
| NRN2 | NRN40* | NRN175 | NRS2 | NRS40 | NRS175 |
| NRN3 | NRN45* | NRN200 | NRS3 | NRS45 | NRS200 |
| NRN4 | NRN50* | NRN250 | NRS4 | NRS50 | NRS250 |
| NRN5 | NRN60* | NRN250 | NRS5 | NRS60 | NRS250 |
| NRN6 | NRN70 | NRN300 | NRS6 | NRS70 | NRS300 |
| NRN10 | NRN80 | NRN350 | NRS10 | NRS80 | NRS350 |
| NRN15* | NRN90 | NRN400 | NRS15 | NRS90 | NRS400 |
| NRN20* | NRN100 | NRN450 | NRS20 | NRS100 | NRS450 |
| NRN25* | NRN110 | NRN500 | NRS25 | NRS110 | NRS500 |
| NRN30* | NRN125 | NRN600 | NRS30 | NRS125 | NRS600 |

* CSA Type "P"



CRN/CRS Class H - Canadian Fuses

CRN

Volts: 250VAC
Amps: 15 to 600A
I.R.: 10kA I.R. AC

CRS

Volts: 600VAC
Amps: 15 to 600A
I.R.: 10kA I.R. AC

| Catalog Numbers | | | | | |
|---------------------------|--------|--------|----------------------------|--------|--------|
| 250V Fuse Ampere Ratings* | | | 600V Fuse Ampere Ratings** | | |
| CRN15 | CRN60 | CRN200 | CRS15 | CRS60 | CRS200 |
| CRN17-1/2 | CRN70 | CRN225 | CRS17-1/2 | CRS70 | CRS225 |
| CRN20 | CRN80 | CRN250 | CRS20 | CRS80 | CRS250 |
| CRN25 | CRN90 | CRN300 | CRS25 | CRS90 | CRS300 |
| CRN30 | CRN100 | CRN350 | CRS30 | CRS100 | CRS350 |
| CRN35 | CRN110 | CRN400 | CRS35 | CRS110 | CRS400 |
| CRN40 | CRN125 | CRN450 | CRS40 | CRS125 | CRS450 |
| CRN45 | CRN150 | CRN500 | CRS45 | CRS150 | CRS500 |
| CRN50 | CRN175 | CRN600 | CRS50 | CRS175 | CRS600 |

* For 1/10 - 12A ratings use Tri-onic TR-R. ** For 1/10 - 12 ratings use Tri-onic TRS-R.

ACCESSORIES



Fuse Pullers/Clip Clamps

| Catalog Numbers | | |
|-----------------|----------|---------|
| 34-001G | 32-002G | 32-007G |
| 34-002G | 32-003G | 34-015G |
| 34-003G | 32-004G | 34-016G |
| 32-001G | 32-005G | |
| 32-002G | 32-006G* | |

* Wide jaws permit clamping split clips.

UL-FUSES



ATQ - Time-Delay Midget Fuses

Volts: 500VAC
Amps: 1/10 to 30A
I.R.: 10kA I.R

| Catalog Numbers | | | |
|-----------------|-----------|-----------|-------|
| ATQ1/10 | ATQ1-1/8 | ATQ3-2/10 | ATQ12 |
| ATQ1/8 | ATQ1-1/4 | ATQ3-1/2 | ATQ14 |
| ATQ15/100 | ATQ1-4/10 | ATQ4 | ATQ15 |
| ATQ3/16 | ATQ1-1/2 | ATQ4-1/2 | ATQ20 |
| ATQ2/10 | ATQ1-6/10 | ATQ5 | ATQ25 |
| ATQ1/4 | ATQ1-8/10 | ATQ5-6/10 | ATQ30 |
| ATQ3/10 | ATQ2 | ATQ6 | - |
| ATQ4/10 | ATQ2-1/8 | ATQ6-1/4 | - |
| ATQ1/2 | ATQ2-1/4 | ATQ7 | - |
| ATQ6/10 | ATQ2-1/2 | ATQ8 | - |
| ATQ8/10 | ATQ2-8/10 | ATQ9 | - |
| ATQ1 | ATQ3 | ATQ10 | - |

Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|-----------------|--------------------------|----------------------|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |



ATM - Fast-Acting Midget Fuses

Volts: 600VAC / DC
Amps: 1/10 to 30A (35 to 50A AC only)
I.R.: 100kA I.R.; 10kA I.R. AC (35 to 50A)

| Catalog Numbers | | |
|-----------------|-------|-----------|
| ATM1/10 | ATM2 | ATM12 |
| ATM1/8 | ATM3 | ATM15 |
| ATM2/10 | ATM4 | ATM20 |
| ATM1/4 | ATM5 | ATM25 |
| ATM1/2 | ATM6 | ATM30 |
| ATM3/4 | ATM7 | ATM30/35* |
| ATM1 | ATM8 | ATM30/40* |
| ATM1-1/2 | ATM10 | ATM30/50* |

** Are not continuous current rated devices*

Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|-----------------|--------------------------|----------------------|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |



TRM - Time-Delay Midget Fuses

Volts: 250VAC
Amps: 1/10 to 30A
I.R.: 10kA I.R.

| Catalog Numbers | | | |
|-----------------|-----------|-----------|-------|
| TRM1/10 | TRM1-1/8 | TRM3-2/10 | TRM9 |
| TRM15/100 | TRM1-1/4 | TRM3-1/2 | TRM10 |
| TRM2/10 | TRM1-4/10 | TRM4 | TRM12 |
| TRM1/4 | TRM1-6/10 | TRM4-1/2 | TRM15 |
| TRM3/10 | TRM1-8/10 | TRM5 | TRM20 |
| TRM4/10 | TRM2 | TRM5-6/10 | TRM25 |
| TRM1/2 | TRM2-1/4 | TRM6 | TRM30 |
| TRM6/10 | TRM2-1/2 | TRM6-1/4 | - |
| TRM8/10 | TRM2-8/10 | TRM7 | - |
| TRM1 | TRM3 | TRM8 | - |

Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|-----------------|--------------------------|----------------------|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.



OTM - Fast-Acting Midget Fuses

Volts: 250VAC
Amps: 1 to 30A
I.R.: 10kA I.R.

| Catalog Numbers | | |
|-----------------|-------|-------|
| OTM1 | OTM5 | OTM15 |
| OTM2 | OTM6 | OTM20 |
| OTM3 | OTM8 | OTM25 |
| OTM4 | OTM10 | OTM30 |

Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|-----------------|--------------------------|----------------------|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |



DCT - Special Purpose Midget Fuses

Volts: 750VAC, 1000VDC
Amps: 1 to 30A
I.R.: 100kA I.R. AC, 50kA I.R. DC
MBC: 2.0 x In (AC); 1.3 x In (DC : 1 - 7A);
 2.0 x In (DC : 8 - 30A)
L/R: 1mS

| Catalog Numbers | | |
|-----------------|---------|---------|
| DCT1-2 | DCT6-2 | DCT15-2 |
| DCT2-2 | DCT7-2 | DCT20-2 |
| DCT3-2 | DCT8-2 | DCT25-2 |
| DCT4-2 | DCT10-2 | DCT30-2 |
| DCT5-2 | DCT12-2 | - |

Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|-----------------|--------------------------|----------------------|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |



FSM - Multi-Meter Fuse

Volts: 1000VAC / DC
Amps: 44/100A, 11A, 15A
I.R.: 20kA I.R.

| Catalog Numbers | | |
|-----------------|-------|-------|
| FSM44/100 | FSM11 | FSM15 |



GGU - Fast-Acting Midget Fuses

Volts: 125VAC
Amps: 1 to 30A
I.R.: 10kA I.R.

| Catalog Numbers | | |
|-----------------|------|-------|
| GGU1 | GGU4 | GGU10 |
| GGU2 | GGU5 | GGU20 |
| GGU3 | GGU8 | GGU30 |

Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Catalog Number | | |
|-----------------|--------------------------|----------------------|
| Screw Connector | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |

UL-FUSES

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GFN Time-Delay Midget Fuses

Volts: 250VAC (0.1 - 10A), 125VAC (12 - 15A), 32VAC (20 - 30A)
Amps: 1/10 to 30A
I.R.: 200kA I.R., 250VAC, 0.1-10A, 10kA I.R., 125VAC, 0.1-15A, 10kA I.R., 32VAC, 20-30A

| Catalog Numbers | | | |
|-----------------|-----------|-----------|--------|
| GFN1/10 | GFN1 | GFN2-8/10 | GFN7 |
| GFN1/8 | GFN1-1/8 | GFN3 | GFN8 |
| GFN15/100 | GFN1-1/4 | GFN3-2/10 | GFN10 |
| GFN2/10 | GFN1-4/10 | GFN3-1/2 | GFN12* |
| GFN1/4 | GFN1-1/2 | GFN4 | GFN15* |
| GFN3/10 | GFN1-6/10 | GFN4-1/2 | GFN20* |
| GFN4/10 | GFN1-8/10 | GFN5 | GFN25* |
| GFN1/2 | GFN2 | GFN5-6/10 | GFN30* |
| GFN6/10 | GFN2-1/4 | GFN6 | |
| GFN8/10 | GFN2-1/2 | GFN6-1/4 | |

**Note: 12-30A is a double barrel fuse construction*

Recommended Fuse Blocks For Midget (10x38mm) Fuses

| Screw Connector | Catalog Number | |
|-----------------|--------------------------|----------------------|
| | Pressure Plate Connector | Copper Box Connector |
| 30310 | 30320 | 30350 |
| 30311 | 30321 | 30351 |
| 30312 | 30322 | 30352 |
| 30313 | 30323 | 30353 |



SBS - Fast-Acting Ferrule Fuses

Volts: 600VAC
Amps: 2/10 to 30A
I.R.: 100kA I.R.

| Catalog Numbers | | | |
|-----------------|-----------|-------|-------|
| SBS2/10 | SBS1-1/2 | SBS5 | SBS15 |
| SBS4/10 | SBS1-6/10 | SBS6 | SBS20 |
| SBS1/2 | SBS1-8/10 | SBS7 | SBS25 |
| SBS3/4 | SBS2 | SBS8 | SBS30 |
| SBS8/10 | SBS3 | SBS10 | |
| SBS1 | SBS4 | SBS12 | |



Modulostar® CUS10 Compact fuse holders for 10.3x38.1 fuse-links

| Catalog Numbers | | | |
|-------------------------|----------|-------------------|---------|
| With standard indicator | | Without indicator | |
| CUS101I | CUS103NI | CUS101 | CUS103N |
| CUS101NI | CUS104I | CUS101N | CUS104 |
| CUS102I | | CUS102 | CUS10N |
| CUS103I | | CUS103 | |



Modulostar® CUS10 Wiring bars / Insulated bus bars

| Catalog Numbers | | | |
|-----------------|-------------|-------------|-------------|
| CMS810BB1F13 | CMS810BB2F6 | CMS810BB3F4 | CMS810BB4F3 |

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PCF - Fast-Acting PC Mount Fuses

Volts: 600VAC / DC
Amps: 1 to 30A
I.R.: 100kA I.R.
L/R: ≤10ms

| Catalog Numbers | | | | | |
|-----------------|---------|-------------------|------------|---------------|---------|
| Slot Mount | | Double Hole Mount | | Surface Mount | |
| PCF1-R | PCF8-R | PCF1-H | PCF8-H | PCF1-S | PCF8-S |
| PCF2-R | PCF10-R | PCF2-H | PCF10-H | PCF2-S | PCF10-S |
| PCF3-R | PCF12-R | PCF3-H | PCF12-H | PCF3-S | PCF12-S |
| PCF4-R | PCF15-R | PCF4-H | PCF15-H | PCF4-S | PCF15-S |
| PCF5-R | PCF20-R | PCF5-H | PCF20-H | PCF5-S | PCF20-S |
| PCF6-R | PCF25-R | PCF6-H | PCF25-H | PCF6-S | PCF25-S |
| PCF7-R | PCF30-R | PCF7-H | PCF30-H | PCF7-S | PCF30-S |
| - | - | - | PCF30/50-H | - | - |



PCS - Semiconductor PC Mount Fuses

Volts: 600VAC / DC
Amps: 5 to 40A
I.R.: 200kA I.R. AC; 100kA I.R. DC
L/R: ≤10ms

| Catalog Numbers | | | | | |
|-----------------|---------|-------------------|---------|---------------|---------|
| Slot Mount | | Double Hole Mount | | Surface Mount | |
| PCS5-R | PCS20-R | PCS5-H | PCS20-H | PCS5-S | PCS20-S |
| PCS8-R | PCS25-R | PCS8-H | PCS25-H | PCS8-S | PCS25-S |
| PCS10-R | PCS30-R | PCS10-H | PCS30-H | PCS10-S | PCS30-S |
| PCS12-R | PCS35-R | PCS12-H | PCS35-H | PCS12-S | PCS35-S |
| PCS15-R | PCS40-R | PCS15-H | PCS40-H | PCS15-S | PCS40-S |

UL-FUSES



PCT - Time-Delay PC Mount Fuses

Volts: 500VAC
Amps: 1 to 30A
I.R.: 100kA I.R.

| Catalog Numbers | | | | | |
|-----------------|---------|-------------------|---------|---------------|---------|
| Slot Mount | | Double Hole Mount | | Surface Mount | |
| PCT1-R | PCT8-R | PCT1-H | PCT8-H | PCT1-S | PCT8-S |
| PCT2-R | PCT10-R | PCT2-H | PCT10-H | PCT2-S | PCT10-S |
| PCT3-R | PCT12-R | PCT3-H | PCT12-H | PCT3-S | PCT12-S |
| PCT4-R | PCT15-R | PCT4-H | PCT15-H | PCT4-S | PCT15-S |
| PCT5-R | PCT20-R | PCT5-H | PCT20-H | PCT5-S | PCT20-S |
| PCT6-R | PCT25-R | PCT6-H | PCT25-H | PCT6-S | PCT25-S |
| PCT7-R | PCT30-R | PCT7-H | PCT30-H | PCT7-S | PCT30-S |

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GSA/GSA-V

1/16A through 8A, 250VAC, UL Listed
 10, 12, 15A, 250V UL Recognized
 1/16A through 8A, 250VAC, CSA Certified
 10, 12, 15A, 250V CSA Recognized
 20A, 250VAC, 25 & 30A, 125VAC

| Catalog Numbers | | | | | | | |
|-----------------|---------|---------|-----------|-----------|-----------|----------|-------|
| GSA1/16 | GSA3/16 | GSA4/10 | GSA8/10 | GSA2 | GSA3-2/10 | GSA6-1/4 | GSA15 |
| GSA1/10 | GSA2/10 | GSA1/2 | GSA1 | GSA2-1/4 | GSA3-1/2 | GSA7 | GSA20 |
| GSA1/8 | GSA1/4 | GSA6/10 | GSA1-1/4 | GSA2-1/2 | GSA4 | GSA8 | GSA25 |
| GSA15/100 | GSA3/10 | GSA7/10 | GSA1-1/2 | GSA2-8/10 | GSA5 | GSA10 | GSA30 |
| GSA175/1000 | GSA3/8 | GSA3/4 | GSA1-6/10 | GSA3 | GSA6 | GSA12 | - |



GDL/GDL-V

1/16A through 8A, 250VAC,
 UL Listed and CSA Certified
 10A through 15A, 125VAC,
 UL Listed and CSA Certified
 20A through 30A, 32VAC,
 UL Listed to U.S. and Canadian safety standards

| Catalog Numbers | | | | | | | |
|-----------------|---------|---------|-----------|-----------|-----------|----------|-------|
| GDL1/16 | GDL3/16 | GDL4/10 | GDL8/10 | GDL1-8/10 | GDL3 | GDL6-1/4 | GDL15 |
| GDL1/10 | GDL2/10 | GDL1/2 | GDL1 | GDL2 | GDL3-2/10 | GDL7 | GDL20 |
| GDL1/8 | GDL1/4 | GDL6/10 | GDL1-1/4 | GDL2-1/4 | GDL4 | GDL8 | GDL25 |
| GDL15/100 | GDL3/10 | GDL7/10 | GDL1-1/2 | GDL2-1/2 | GDL5 | GDL10 | GDL30 |
| GDL175/1000 | GDL3/8 | GDL3/4 | GDL1-6/10 | GDL2-8/10 | GDL6 | GDL12 | - |



GGC/GGC-V

1/10A through 10A, 250VAC, UL Listed and CSA Certified
 12A and 15A, 125VAC, UL Listed and CSA Certified
 20A through 30A, 32VAC

| Catalog Numbers | | | | | | | |
|-----------------|---------|---------|-----------|-----------|-----------|-------|-------|
| GGC1/10 | GGC2/10 | GGC1/2 | GGC1-1/4 | GGC2-1/4 | GGC5 | GGC8 | GGC25 |
| GGC1/8 | GGC1/4 | GGC6/10 | GGC1-1/2 | GGC2-1/2 | GGC6 | GGC10 | GGC30 |
| GGC15/100 | GGC3/10 | GGC3/4 | GGC1-3/4 | GGC3 | GGC6-3/10 | GGC12 | - |
| GGC175/1000 | GGC3/8 | GGC8/10 | GGC1-6/10 | GGC3-2/10 | GGC7 | GGC15 | - |
| GGC3/16 | GGC4/10 | GGC1 | GGC2 | GGC4 | GGC7-1/2 | GGC20 | - |



GGM/GGM-V

1/16A through 3A, 250VAC, UL Listed and CSA Certified
 4A through 8A, 125VAC, UL Listed and CSA Certified
 10A and 15A, 250VAC,
 UL Recognized

| Catalog Numbers | | | | |
|-----------------|---------|-----------|----------|-------|
| GGM1/16 | GGM3/10 | GGM3/4 | GGM1-1/2 | GGM5 |
| GGM1/10 | GGM4/10 | GGM8/10 | GGM2 | GGM6 |
| GGM1/8 | GGM1/2 | GGM1 | GGM2-1/2 | GGM7 |
| GGM2/10 | GGM6/10 | GGM1-2/10 | GGM3 | GGM8 |
| GGM1/4 | GGM7/10 | GGM1-1/4 | GGM4 | GGM15 |

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GGA/GGA-V

1/10 through 3A, 250VAC, UL Listed and CSA Certified
 4A and 5A, 125VAC, UL Listed and CSA Certified

| Catalog Numbers | | | | | |
|-----------------|---------|---------|-----------|----------|--|
| GGA1/10 | GGA3/10 | GGA7/10 | GGA1-1/4 | GGA2-1/2 | |
| GGA1/8 | GGA4/10 | GGA3/4 | GGA1-1/2 | GGA3 | |
| GGA2/10 | GGA1/2 | GGAB/10 | GGA1-6/10 | GGA4 | |
| GGA1/4 | GGA6/10 | GGA1 | GGA2 | GGA5 | |



GSC/GSC-V

1/10A through 3A, 250VAC, UL Listed and CSA Certified
 4A through 8A, 125VAC, UL Listed and CSA Certified
 10A, 125VAC, UL and CSA Recognized

| Catalog Numbers | | | | | |
|-----------------|---------|----------|-----------|------|-------|
| GSC1/10 | GSC4/10 | GSC3/4 | GSC1-1/2 | GSC3 | GSC7 |
| GSC1/8 | GSC1/2 | GSC8/10 | GSC1-6/10 | GSC4 | GSC8 |
| GSC1/4 | GSC6/10 | GSC1 | GSC2 | GSC5 | GSC10 |
| GSC3/10 | GSC7/10 | GSC1-1/4 | GSC2-1/2 | GSC6 | - |



GSB/GSB-V

1/16A through 10A, 250VAC, UL and CSA Recognized
 1/16A through 6-3/10A, 250VAC, SEMKO Approved
 1/16A through 6-3/10A, 250VAC, VDE Approved
 IEC-127-2 Standard Sheet 2*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | |
|-----------------|-------------|-------------|-----------|-------------|-----------|
| GSB1/16 | GSB16/100 | GSB4/10 | GSB1 | GSB2-1/2 | GSB6-3/10 |
| GSB8/100 | GSB2/10 | GSB1/2 | GSB1-1/4 | GSB3-15/100 | GSB8 |
| GSB1/10 | GSB1/4 | GSB630/1000 | GSB1-6/10 | GSB4 | GSB10 |
| GSB1/8 | GSB315/1000 | GSB8/10 | GSB2 | GSB5 | - |



GDG/GDG-V

1/16A through 10A, 250VAC, UL & CSA Recognized
 1/16A through 6-3/10A, 250VAC, SEMKO Approved
 1/16A through 6-3/10A, 250VAC, VDE Approved
 IEC 127-2 Standard Sheet 3*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | |
|-----------------|-------------|-------------|-----------|-------------|-----------|
| GDG1/16 | GDG16/100 | GDG4/10 | GDG1 | GDG2-1/2 | GDG6-3/10 |
| GDG8/100 | GDG2/10 | GDG1/2 | GDG1-1/4 | GDG3-15/100 | GDG8 |
| GDG1/10 | GDG1/4 | GDG630/1000 | GDG1-6/10 | GDG4 | GDG10 |
| GDG1/8 | GDG315/1000 | GDG8/10 | GDG2 | GDG5 | - |



GSD/GSD-V

1/16A through 10A, 250VAC,
 UL & CSA Recognized
 1A through 6-3/10A, 250 VAC, SEMKO Approved
 1A through 6-3/10A, 250 VAC, VDE Approved
 IEC 127-2 Standard Sheet 1*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | |
|-----------------|-------------|-------------|-----------|-------------|-------|
| GSD1/16 | GSD2/10 | GSD1/2 | GSD1-1/4 | GSD3-15/100 | GSD8 |
| GSD1/10 | GSD1/4 | GSD630/1000 | GSD1-6/10 | GSD4 | GSD10 |
| GSD1/8 | GSD315/1000 | GSD8/10 | GSD2 | GSD5 | - |
| GSD16/100 | GSD4/10 | GSD1 | GSD2-1/2 | GSD6-3/10 | - |

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GSF/GSF-V

1/2A through 8/10A, 250VAC
 1A through 6-3/10A, 250VAC, SEMKO, VDE Approved
 1A through 10A, 250VAC, UL and CSA Recognized
 IEC-127-2 Standard Sheet 5*

*IEC Standards for 5x20 mm fuses do not include ratings above 6.3 amperes.

| Catalog Numbers | | | | | | |
|-----------------|---------|-----------|----------|-------------|-----------|-------|
| GSF1/2 | GSF8/10 | GSF1-1/4 | GSF2 | GSF3-15/100 | GSF5 | GSF8 |
| GSF630/1000 | GSF1 | GSF1-6/10 | GSF2-1/2 | GSF4 | GSF6-3/10 | GSF10 |



GGX

1/2A through 2 1/2A, 250VAC, UL Listed
 3A through 7A, 125V AC, UL Recognized
 8A through 30A, 32V AC, UL Recognized

| Catalog Numbers | | | | | |
|-----------------|----------|------|------|-------|-------|
| GGX1/2 | GGX1-1/2 | GGX3 | GGX6 | GGX10 | GGX20 |
| GGX3/4 | GGX2 | GGX4 | GGX7 | GGX12 | GGX25 |
| GGX1 | GGX2-1/2 | GGX5 | GGX8 | GGX15 | GGX30 |



GAB

1/8A through 15A, 250VAC,
 UL Listed and CSA Certified
 20A through 30A, 250/125VAC,
 UL Recognized

| Catalog Numbers | | | | | | |
|-----------------|--------|----------|------|-------|-------|-------|
| GAB1/8 | GAB1/2 | GAB2 | GAB4 | GAB7 | GAB12 | GAB25 |
| GAB1/4 | GAB3/4 | GAB2-1/2 | GAB5 | GAB8 | GAB15 | GAB30 |
| GAB3/8 | GAB1 | GAB3 | GAB6 | GAB10 | GAB20 | - |



SMG/SMG-V

1/10A & 3/8A, 250VAC, UL Listed CSA Certified
 1/8A through 7A, 350VAC, UL and CSA Recognized
 8A & 10A, 125VAC

| Catalog Numbers | | | | | |
|-----------------|----------|----------|----------|------|-------|
| SMG1/8 | SMG3/4 | SMG2 | SMG3-1/2 | SMG6 | SMG10 |
| SMG1/4 | SMG1 | SMG2-1/2 | SMG4 | SMG7 | - |
| SMG1/2 | SMG1-1/2 | SMG3 | SMG5 | SMG8 | - |



STG/STG-V

3/8A 250VAC, UL Listed and CSA Certified
 1/4A through 7A, 350VAC, UL and CSA Recognized

| Catalog Numbers | | | | | |
|-----------------|---------|----------|----------|----------|------|
| STG1/4 | STG6/10 | STG1 | STG2 | STG3-1/2 | STG6 |
| STG3/8 | STG3/4 | STG1-1/4 | STG2-1/2 | STG4 | STG7 |
| STG1/2 | STG8/10 | STG1-1/2 | STG3 | STG5 | - |

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MRF - Radial Lead Micro Fuses
Fast-acting microfuse

50mA to 6.3A, 250VAC - UL Recognized and CSA Accepted

| Catalog Numbers | | | | | |
|-----------------|--------|--------|---------|---------|--------|
| MRF50 | MRF125 | MRF315 | MRF800 | MRF2 | MRF5 |
| MRF63 | MRF160 | MRF400 | MRF1 | MRF2.5 | MRF6.3 |
| MRF80 | MRF200 | MRF500 | MRF1.25 | MRF3.15 | - |
| MRF100 | MRF250 | MRF630 | MRF1.6 | MRF4 | - |



MRT - Radial Lead Micro Fuses
Time-delay microfuse

80mA to 6.3A, 250VAC - UL Recognized and CSA Accepted

| Catalog Numbers | | | | |
|-----------------|--------|--------|---------|---------|
| MRT80 | MRT200 | MRT500 | MRT1.25 | MRT3.15 |
| MRT100 | MRT250 | MRT630 | MRT1.6 | MRT4 |
| MRT125 | MRT315 | MRT800 | MRT2 | MRT5 |
| MRT160 | MRT400 | MRT1 | MRT2.5 | MRT6.3 |



SFRT - In-Line Fuse Holders

| Catalog Numbers* | Fuse Installed |
|------------------|----------------|
| SFRT4 | FSFE4 |
| SFRT6 | FSFE6 |
| SFRT7-1/2 | FSFE7-1/2 |
| SFRT9 | FSFE9 |
| SFRT14 | FSFE14 |
| SFRT20 | FSFE20 |

*Includes FSFE fuse



SFRB - In-Line Fuse Holders

| Catalog Numbers* | Fuse Installed |
|------------------|----------------|
| SFRT4 | FSFE4 |
| SFRT6 | FSFE6 |
| SFRT7-1/2 | FSFE7-1/2 |
| SFRT9 | FSFE9 |
| SFRT14 | FSFE14 |
| SFRT20 | FSFE20 |

*Includes FSFE fuse



FSFE - In-Line Fuse Holders

| Catalog Numbers | | | |
|-----------------|-----------|--------|--------|
| FSFE4 | FSFE7-1/2 | FSFE14 | FSFE30 |
| FSFE6 | FSFE9 | FSFE20 | - |

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SLR - In-Line Fuses and Holders

Volts: 300VAC
Amps: 1/2 to 15A
I.R.: 10kA I.R.

| Catalog Numbers | | | | | |
|-----------------|-----------|------|------|-------|-------|
| SLR1/2 | SLR1-6/10 | SLR3 | SLR6 | SLR9 | SLR15 |
| SLR1 | SLR2 | SLR4 | SLR7 | SLR10 | - |
| SLR1-1/2 | SLR2-1/2 | SLR5 | SLR8 | SLR12 | - |

SMF - In-Line Fuses and Holders

Volts: 300VAC
Amps: 3/10 to 10A
I.R.: 10kA I.R.

| Catalog Numbers | | | | | |
|-----------------|----------|-----------|-----------|-----------|-------|
| SMF3/10 | SMF8/10 | SMF1-6/10 | SMF2-8/10 | SMF4 | SMF7 |
| SMF1/2 | S MF1 | SMF2 | SMF3 | SMF5 | SMF8 |
| SMF6/10 | SMF1-1/4 | SMF2-1/2 | SMF3-2/10 | SMF 6 1/4 | SMF10 |

SHR - In-Line Fuses and Holders

Volts: 300VAC
Amps: 15A Withstand
Rating: 10kA I.R.
Dielectric Strength: 2,000V

| Catalog Numbers |
|-----------------|
| SHR-1 |

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AF - Automotive Fuses

1A through 40A, 32VAC/DC, 1000 A I.R.

| Catalog Numbers | | | | |
|-----------------|----------|-------|-------|-------|
| AF-1 | AF-4 | AF-10 | AF-25 | AF-40 |
| AF-2 | AF-5 | AF-15 | AF-30 | - |
| AF-3 | AF-7-1/2 | AF-20 | AF-35 | - |



AF2 - Automotive Fuses

2A through 30A, 32VDC, 1000 A I.R.

| Catalog Numbers | | | | |
|-----------------|-------|-----------|--------|--------|
| AF2-2 | AF2-4 | AF2-7-1/2 | AF2-15 | AF2-25 |
| AF2-3 | AF2-5 | AF2-10 | AF2-20 | AF2-30 |



AF3 - Automotive Fuses

20A through 80A, 32VDC, 1000 A I.R.

| Catalog Numbers | | | |
|-----------------|--------|--------|--------|
| AF3-20 | AF3-40 | AF3-60 | AF3-80 |
| AF3-30 | AF3-50 | AF3-70 | - |



AFH - Automotive Fuse Holders

| Catalog Numbers | | |
|-----------------|-----------|----------|
| AFH20-14 | AFH20-16 | AFH30-12 |
| AFH20-14Y | AFH20-16Y | AFH30C |



AF2H - Automotive Fuse Holders

| Catalog Numbers |
|-----------------|
| AF2H30C |



AF3H - Automotive Fuse Holders

| Catalog Numbers |
|-----------------|
| AF3H60C |

UL-FUSES



ACK - Forklift Truck Fuses

Volts: 125VAC / DC
Amps: 1 to 400A
IR: 10kA I.R. AC / DC

| Catalog Numbers | | | | | |
|-----------------|-------|-------|--------|--------|--------|
| ACK2 | ACK10 | ACK35 | ACK80 | ACK140 | ACK225 |
| ACK3 | ACK15 | ACK40 | ACK90 | ACK150 | ACK250 |
| ACK5 | ACK25 | ACK50 | ACK100 | ACK175 | ACK300 |
| ACK6 | ACK30 | ACK60 | ACK120 | ACK200 | ACK400 |

Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|-------------|------------|
| ACK(70-100) | P243C |

ACL - Forklift Truck Fuses

Volts: 125VAC / DC
Amps: 30 to 120A
IR: 100kA I.R. AC, 10kA I.R. DC

| Catalog Numbers | | | | |
|-----------------|-------|-------|-------|--------|
| ACL30 | ACL40 | ACL60 | ACL80 | ACL100 |
| ACL35 | ACL50 | ACL70 | ACL90 | ACL120 |

Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|-------------|------------|
| ACL(70-120) | P243E |

ALS - Forklift Truck Fuses

Volts: 125VAC / DC
Amps: 100 to 500A
IR: 10kA I.R. AC / DC

| Catalog Numbers | | | | | |
|-----------------|--------|--------|--------|--------|--------|
| ALS100 | ALS175 | ALS225 | ALS300 | ALS400 | ALS500 |
| ALS150 | ALS200 | ALS250 | ALS350 | ALS450 | - |

Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|------|--------------|
| CNL | FTFH, FTFH-1 |



CNL - Forklift Truck Fuses

Volts: 80V AC / DC
Amps: 35 to 500A
IR: 2.5kA I.R. AC / DC

| Catalog Numbers | | | | | |
|-----------------|--------|--------|--------|--------|--------|
| CNL35 | CNL80 | CNL150 | CNL250 | CNL350 | CNL675 |
| CNL40 | CNL100 | CNL175 | CNL275 | CNL400 | CNL750 |
| CNL50 | CNL125 | CNL200 | CNL300 | CNL500 | - |
| CNL60 | CNL130 | CNL225 | CNL325 | CNL600 | - |

Recommended Fuse Blocks For Forklift Truck Fuse Fuses

| Fuse | Fuse Block |
|------|--------------|
| CNN | FTFH, FTFH-1 |

CNN - Forklift Truck Fuses

Volts: 130V AC
Amps: 10-800A
Volts: 75V DC
Amps: 10 to 300A
Volts: 48V DC
Amps: 301-800A
IR: 2.5kA I.R. AC / DC

| Catalog Numbers | | | | | |
|-----------------|--------|--------|--------|--------|--------|
| CNN10 | CNN60 | CNN125 | CNN225 | CNN325 | CNN600 |
| CNN35 | CNN80 | CNN150 | CNN250 | CNN350 | CNN225 |
| CNN40 | CNN90 | CNN175 | CNN275 | CNN400 | CNN700 |
| CNN50 | CNN100 | CNN200 | CNN300 | CNN500 | CNN800 |



CP - 600V Cable Protectors

| Description | | Catalog Number | |
|-------------|----------------------------|--------------------------|----------|
| | | Catalog # for Cable Type | |
| Type | Termination | Copper | Aluminum |
| 1 | Cable to Cable | CP2C1 | - |
| | | CP1/OC1 | - |
| | | CP2/OC1 | - |
| | | CP4/OC1 | CP4/OA1 |
| | | CP250C1 | CP250A1 |
| | | CP350C1 | CP350A1 |
| | | CP400C1 | - |
| | | CP500C1 | CP500A1 |
| | | CP600C1 | CP600A1 |
| | | CP750C1 | CP750A1 |
| | | CP1000C1 | - |
| 3 | Cable to Offset Bus | CP2C3 | - |
| | | CP1/OC3 | - |
| | | CP2/OC3 | - |
| | | CP4/OC3 | CP4/OA3 |
| | | CP250C3 | CP250A3 |
| | | CP350C3 | CP350A3 |
| | | CP400C3 | - |
| | | CP500C3 | CP500A3 |
| | | CP600C3 | CP600A3 |
| | | CP750C3 | CP750A3 |
| | | CP1000C3 | - |
| 5 | Straight Bus to Offset Bus | CP2/OC5 | CP2/OC5 |
| | | CP4/OC5 | CP4/OC5 |
| | | CP250C5 | CP250C5 |
| | | CP350C5 | CP350C5 |
| | | CP500C5 | CP500C5 |
| | | CP600C5 | CP600C5 |
| | | CP750C5 | CP750C5 |
| 6 | Mole to Cable | CP4/OC6 | CP4/OA6 |
| | | CP250C6 | CP250A6 |
| | | CP350C6 | CP350A6 |
| | | CP400C6 | - |
| | | CP500C6 | CP500A6 |
| | | CP750C6 | CP750A6 |
| 8 | Mole to Offset Bus | CP4/OC8 | CP4/OC8 |
| | | CP250C8 | CP250C8 |
| | | CP350C8 | CP350C8 |
| | | CP500C8 | CP500C8 |
| | | CP750C8 | CP750C8 |

UL-FUSES

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2CL - 250V Cable Protectors

Sizes 1 to 500 kcmil copper and aluminum
(CC, CF types copper only)
Volts: 250VAC
IR: 200kA I.R. AC

| Type | Termination | Catalog Number |
|------|---------------------|----------------|
| | | |
| BB | Blade to Blade | 2CL1BB |
| | | 2CL2BB |
| | | 2CL3BB |
| | | 2CL4BB |
| | | 2CL10BB |
| | | 2CL20BB |
| | | 2CL30BB |
| | | 2CL40BB |
| | | 2CL250BB |
| | | 2CL350BB |
| | | 2CL500BB |
| BF | Blade to Offset Bus | 2CL1BF |
| | | 2CL2BF |
| | | 2CL3BF |
| | | 2CL4BF |
| | | 2CL10BF |
| | | 2CL20BF |
| | | 2CL30BF |
| | | 2CL40BF |
| | | 2CL250BF |
| | | 2CL350BF |
| | | 2CL500BF |
| CC | Cable to Cable | 2CL10CC |
| | | 2CL20CC |
| | | 2CL40CC |
| | | 2CL250CC |
| | | 2CL350CC |
| | | 2CL500CC |
| CF | Cable to Offset Bus | 2CL10CF |
| | | 2CL20CF |
| | | 2CL40CF |
| | | 2CL250CF |
| | | 2CL350CF |
| | | 2CL500CF |



HP10J - PV Fuse, 1000VDC, 65kA IR DC, Frame Size 1 - 2 - 3

| Size | Catalog Number | | | | | |
|------|----------------|----------|----------|----------|----------|----------|
| 1 | HP10J70 | HP10J80 | HP10J100 | HP10J125 | HP10J160 | HP10J200 |
| 2 | HP10J250 | HP10J300 | HP10J350 | HP10J400 | - | - |
| 3 | HP10J450 | HP10J500 | HP10J600 | - | - | - |



A60C - Low Voltage Capacitor Fuses

Volts: 600VAC
Amps: 10 to 300A
IR: 200kA I.R.

| Catalog Number | | | |
|-------------------|-------------|----------------|---------------|
| Without indicator | | With indicator | |
| A60C10-121 | A60C80-121 | A60C25-121TI | A60C150-121TI |
| A60C15-121 | A60C100-121 | A60C35-121TI | A60C175-121TI |
| A60C20-121 | A60C125-121 | A60C40-121TI | A60C200-121TI |
| A60C25-121 | A60C150-121 | A60C50-121TI | A60C225-121TI |
| A60C30-121 | A60C175-121 | A60C60-121TI | A60C250-121TI |
| A60C35-121 | A60C200-121 | A60C75-121TI | A60C300-121TI |
| A60C40-121 | A60C225-121 | A60C80-121TI | - |
| A60C50-121 | A60C250-121 | A60C100-121TI | - |
| A60C60-121 | A60C300-121 | A60C125-121TI | - |



A4BX - Welder Protectors

Volts: 600VAC
Amps: 100 to 600A
IR: 200kA I.R.

| Catalog Number | | | | |
|-------------------|-------------|-------------|----------------|--------------|
| Without indicator | | | With indicator | |
| A4BX100-150 | A4BX300-150 | A4BX400-150 | A4BX200-150J | A4BX400-150J |
| A4BX125-150 | A4BX200-150 | A4BX500-150 | A4BX225-150J | - |
| A4BX150-150 | A4BX225-150 | A4BX600-150 | A4BX300-150J | - |



A2Y/A6Y A60C - Form 600 Fuses

A2Y
Volts: 250VAC, 500VDC
Amps: 1 to 600A
IR: 200kA I.R.AC, 100kA I.R. DC

A6Y
Volts: 600VAC, 500VDC
Amps: 1 to 8A (500VAC), 10 to 1200A (600VAC),
 1 to 600A (500VDC)
IR: 200kA I.R. AC, 100kA I.R. DC

| Catalog Number | | | | | | |
|----------------|----------|----------|---------|----------|----------|-----------|
| 250V | | | 600V | | | |
| A2Y1-1 | A2Y70-4 | A2Y250-4 | A6Y1-1 | A6Y70-4 | A6Y200-5 | A6Y450-5 |
| A2Y2-1 | A2Y70-5 | A2Y300-3 | A6Y2-1 | A6Y80-3 | A6Y225-3 | A6Y500-3 |
| A2Y3-1 | A2Y80-3 | A2Y300-4 | A6Y3-1 | A6Y80-4 | A6Y225-4 | A6Y500-4 |
| A2Y5-1 | A2Y80-4 | A2Y350-3 | A6Y5-1 | A6Y90-3 | A6Y225-5 | A6Y500-5 |
| A2Y6-1 | A2Y90-3 | A2Y350-4 | A6Y6-1 | A6Y100-3 | A6Y250-3 | A6Y600-3 |
| A2Y8-1 | A2Y90-4 | A2Y400-3 | A6Y8-1 | A6Y100-4 | A6Y250-4 | A6Y600-4 |
| A2Y10-1 | A2Y100-3 | A2Y400-4 | A6Y10-1 | A6Y125-3 | A6Y250-5 | A6Y600-5 |
| A2Y15-1 | A2Y100-4 | A2Y450-3 | A6Y15-1 | A6Y125-4 | A6Y300-3 | A6Y650-4 |
| A2Y20-1 | A2Y125-3 | A2Y450-4 | A6Y20-1 | A6Y125-5 | A6Y300-4 | A6Y800-4 |
| A2Y25-1 | A2Y125-4 | A2Y500-3 | A6Y25-1 | A6Y150-3 | A6Y300-5 | A6Y800-5 |
| A2Y30-1 | A2Y150-3 | A2Y500-4 | A6Y30-1 | A6Y150-4 | A6Y350-3 | A6Y1000-4 |
| A2Y35-1 | A2Y150-4 | A2Y500-5 | A6Y35-1 | A6Y150-5 | A6Y350-4 | A6Y1000-5 |
| A2Y40-1 | A2Y175-3 | A2Y600-3 | A6Y40-1 | A6Y175-3 | A6Y400-3 | A6Y1200-4 |
| A2Y45-1 | A2Y175-4 | A2Y600-4 | A6Y45-1 | A6Y175-4 | A6Y400-4 | A6Y1200-5 |
| A2Y50-1 | A2Y200-3 | A2Y600-5 | A6Y50-1 | A6Y175-5 | A6Y400-5 | - |
| A2Y60-1 | A2Y200-4 | - | A6Y60-1 | A6Y200-3 | A6Y450-3 | - |
| A2Y70-3 | A2Y250-3 | - | A6Y70-3 | A6Y200-4 | A6Y450-4 | - |

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HELIOPROTECTION®





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HELIOPROTECTION®

HelioProtection HP6M
Photovoltaic fuse-links gPV 600VDC

PRODUCT RANGE



DC10HEL12C8

Minimum Breaking Capacity = 1.35In
Maximum Breaking Capacity = 10kA

| Catalog Number | Item Number | Rated Voltage DC (IEC) | Rated Current I _n | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|----------------|-------------|------------------------|------------------------------|--------------------|--------------------|---------------------|---------|
| HP6M1 | L1018565 | 600 | 1 A | 0.14 | 0.19 | 0.31 | 10 |
| HP6M2 | M1018566 | 600 | 2 A | 0.19 | 0.26 | 0.43 | |
| HP6M3 | N1018567 | 600 | 3 A | 0.64 | 0.85 | 1.4 | |
| HP6M4 | Q1018569 | 600 | 4 A | 0.58 | 0.77 | 1.3 | |
| HP6M5 | R1018570 | 600 | 5 A | 0.65 | 0.87 | 1.4 | |
| HP6M6 | S1018571 | 600 | 6 A | 0.69 | 0.92 | 1.5 | |
| HP6M7 | T1018572 | 600 | 7 A | - | - | - | |
| HP6M8 | V1018573 | 600 | 8 A | 0.92 | 1.23 | 2.0 | |
| HP6M10 | X1018575 | 600 | 10 A | 0.96 | 1.28 | 2.1 | |
| HP6M12 | Y1018576 | 600 | 12 A | 1.12 | 1.49 | 2.5 | |
| HP6M15 | Z1018577 | 600 | 15 A | 0.99 | 1.32 | 2.2 | |
| HP6M20 | A1018578 | 600 | 20 A | 1.25 | 1.67 | 2.8 | |
| HP6M25 | K1018610 | 600 | 25 A | 1.38 | 1.84 | 3.1 | |
| HP6M30 | L1018611 | 600 | 30 A | 1.5 | 2.0 | 3.3 | |

Fuse holders

| Catalog Number | Item Number | Nb of poles | Nb of modules (17.5mm) | Indicator | Package |
|----------------|-------------|-------------|------------------------|-----------|---------|
| US101HEL | D1009979 | 1 | 1 | No | 12 |
| US101IHEL | Q1009461 | 1 | 1 | Yes | 12 |
| USGM1HEL | P1022294 | 1 | 1 | No | 12 |
| USGM1IHEL | N1022293 | 1 | 1 | Yes | 12 |

HelioProtection® Fuse-links gPV
HP10M - 1 000 VDC



HP10M15

Minimum Breaking Capacity = 1.35In
Maximum Breaking Capacity = 10kA

| Catalog Number | Item Number | Rated Voltage DC (IEC) | Rated Current I _n | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|----------------|-------------|------------------------|------------------------------|--------------------|--------------------|---------------------|---------|
| HP10M1 | B1018579 | 1000 | 1 A | 0.125 | 0.175 | 0.250 | 10 |
| HP10M2 | C1018580 | 1000 | 2 A | 0.160 | 0.250 | 0.320 | |
| HP10M3 | D1018581 | 1000 | 3 A | 0.66 | 0.87 | 1.36 | |
| HP10M4 | E1018582 | 1000 | 4 A | 0.69 | 0.8 | 1.25 | |
| HP10M5 | F1018583 | 1000 | 5 A | 0.59 | 0.73 | 1.12 | |
| HP10M6 | G1018584 | 1000 | 6 A | 0.42 | 0.67 | 1.05 | |
| HP10M7 | H1018585 | 1000 | 7 A | 0.40 | 0.64 | 1.0 | |
| HP10M8 | J1018586 | 1000 | 8 A | 0.77 | 0.88 | 1.48 | |
| HP10M10 | L1018588 | 1000 | 10 A | 0.67 | 0.90 | 1.5 | |
| HP10M12 | M1018589 | 1000 | 12 A | 0.72 | 1.0 | 1.8 | |
| HP10M15 | N1018590 | 1000 | 15 A | 0.9 | 1.3 | 2.2 | |
| HP10M20 | P1018591 | 1000 | 20 A | 1.1 | 1.5 | 2.8 | |
| HP10M25 | D1023825 | 1000 | 25 A | 1.3 | 1.8 | 3.0 | |
| HP10M30 | E1023826 | 1000 | 30 A | 1.5 | 1.9 | 3.7 | |
| HP10M32 | H1062170 | 1000 | 32 A | 1.7 | 2.3 | 4.2 | |

Fuse holders

| Catalog Number | Item Number | Nb of poles | Nb of modules (17.5mm) | Indicator | Package |
|----------------|-------------|-------------|------------------------|-----------|---------|
| US101HEL | D1009979 | 1 | 1 | No | 12 |
| US101IHEL | Q1009461 | 1 | 1 | Yes | 12 |
| USGM1HEL | P1022294 | 1 | 1 | No | 12 |
| USGM1IHEL | N1022293 | 1 | 1 | Yes | 12 |

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HelioProtection® Fuse-links gPV
Dual HP10M - 1 000VDC ferrule

PRODUCT RANGE



| Catalog Number | Item Number | Rated Current I _n | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|----------------|-------------|------------------------------|--------------------|--------------------|---------------------|---------|
| HP10M36 | - | 36 A | | | | |
| HP10M45 | - | 45 A | | | | |
| HP10M60 | - | 60 A | | | | |

Minimum breaking capacity: 1.35xI_n
Maximum breaking capacity: 50kA

HelioProtection® Fuse-links gPV
Dual HP10M - 1 000VDC with Crimp Cap



| Catalog Number | Item Number | Rated Current I _n | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|----------------|-------------|------------------------------|--------------------|--------------------|---------------------|---------|
| HP10M36CC | - | 36 A | | | | |
| HP10M45CC | - | 45 A | | | | |
| HP10M60CC | - | 60 A | | | | |

Minimum breaking capacity: 1.35xI_n
Maximum breaking capacity: 50kA

HelioProtection® Fuse-links gPV
HP10M - 1 000VDC with Crimp Cap



HP10M30CC

| Catalog Number | Item Number | Rated Voltage DC (IEC) | Rated Current I _n | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Interrupting Rating (kA) | Size (mm) |
|----------------|-------------|------------------------|------------------------------|--------------------|--------------------|---------------------|--------------------------|-----------|
| HP10M1CC | F1061616 | 1000 | 1 A | 0.14 | 0.19 | 0.27 | 50 | 10 x 65 |
| HP10M2CC | G1061617 | | 2 A | 0.17 | 0.27 | 0.35 | | |
| HP10M3CC | H1061618 | | 3 A | 0.72 | 0.95 | 1.49 | | |
| HP10M3-1/2CC | J1061619 | | 3.5 A | 0.74 | 0.92 | 1.43 | | |
| HP10M4CC | K1061620 | | 4 A | 0.76 | 0.88 | 1.38 | | |
| HP10M5CC | L1061621 | | 5 A | 0.65 | 0.80 | 1.23 | | |
| HP10M6CC | J1061527 | | 6 A | 0.46 | 0.74 | 1.15 | | |
| HP10M7CC | K1061528 | | 7 A | 0.44 | 0.70 | 1.1 | | |
| HP10M8CC | L1061529 | | 8 A | 0.85 | 0.97 | 1.63 | | |
| HP10M10CC | M1061530 | | 10 A | 0.74 | 0.99 | 1.65 | | |
| HP10M12CC | N1061531 | | 12 A | 0.79 | 1.1 | 1.98 | | |
| HP10M15CC | P1061532 | | 15 A | 0.99 | 1.43 | 2.42 | | |
| HP10M20CC | Q1061533 | | 20 A | 1.21 | 1.65 | 3.08 | | |
| HP10M25CC | R1061534 | | 25 A | 1.43 | 1.98 | 3.3 | | |
| HP10M30CC | S1061535 | | 30 A | 1.65 | 2.09 | 4.07 | | |
| HP10M32CC | T1061536 | | 32 A | 1.70 | 2.30 | 4.20 | | |

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HelioProtection® Modulostar®

PRODUCT RANGE

Modular Fuseholders for gPV fuses-links HP6M and HP10M



CUS101HEL

Fuse-holders US10HEL for cylindrical fuse-links gPV 600VDC and 1000VDC

| Catalog Number | Item Number | Nb of poles | Voltage rating | Ampere rating | Nb of modules (17.5mm) | Indicator | Package |
|----------------|-------------|-------------|----------------|---------------|------------------------|--------------|---------|
| CUS101HEL | K1062724 | 1 | 1000VDC | 32A | 1 | Without Ind. | 12 |
| CUS101HEL | X1062758 | 1 | 1000VDC | 32A | 1 | With Ind. | 12 |

Fuse-clips for cylindrical fuse-links gPV 600VDC and 1000VDC

| Catalog Number | Item Number | Designation | Weight (g) | Package |
|----------------|-------------|--------------------|------------|---------|
| MR10CIRESSORT | Y098507 | MR 10 CI + RESSORT | 4.5 | 200 |

HelioProtection® USGM1HEL

UltraSafe™ Fuseholders



USGM1HEL

Fuse-holders USGM1HEL for cylindrical fuse-links gPV 600VDC and 1000VDC

| Fuse Type | Catalog Number | Item Number | No. of Poles | Voltage Rating | Ampere Rating | Visual Indication | Package |
|--------------|----------------|-------------|--------------|----------------|---------------|-------------------|---------|
| Photovoltaic | USGM1HEL | P1022294 | 1 | 1000VDC | 30 | No | 12 |
| | USGM1HEL | N1022293 | | | | Yes | 12 |

HelioProtection® Fuse-links gPV

DC10HEL - 1200VDC Midget (10x85mm)



DC10HEL12C8

HelioProtection® DC10HEL Photovoltaic fuse-links gPV 1200VDC

| Catalog number | Item Number | Size (mm) | Maximum operating voltage for L/R ≤ 0,5ms | Rated Current | Operation | Breaking Capacity @ Un | Power losses End contacts 0.7In (Watts) | Power losses End contacts 0.8In (Watts) | Package |
|----------------|-------------|-----------|---|---------------|-----------|------------------------|---|---|---------|
| DC10HEL12C8 | D1014188 | D10xL85 | 1200V | 8 A | gPV type | 10 kA | 1,3 | 1,7 | 45 |
| DC10HEL12C10 | T1012017 | | | 10 A | | | 1,3 | 1,7 | 45 |
| DC10HEL12C12,5 | X1008754 | | | 12,5 A | | | 1,3 | 1,9 | 45 |
| DC10HEL12C16 | Y1008755 | | | 16 A | | | 1,5 | 2,1 | 45 |
| DC10HEL12C20 | Z1008756 | | | 20 A | | | 1,8 | 2,5 | 45 |
| DC10HEL9C25 | A1008757 | | | 900V | | | 2,2 | 3 | 45 |

HelioProtection® Fuse-links gPV

HP15M - 1500VDC Midget (10x85mm)



HP15M30

HelioProtection® HP15M Photovoltaic fuse-links gPV 1500VDC

| Catalog number | Item Number | Rated Current In | Power Dissipation at 0.7xIn (Watts) | Power Dissipation at 0.8xIn (Watts) | Power Dissipation at 1.0xIn (Watts) | Package |
|----------------|-------------|------------------|-------------------------------------|-------------------------------------|-------------------------------------|---------|
| HP15M4 | F1059569 | 4 A | 0.79 | 1.09 | 1.85 | 5 |
| HP15M5 | X1055053 | 5 A | 0.84 | 1.16 | 1.97 | 5 |
| HP15M6 | Q1053667 | 6 A | 0.97 | 1.37 | 2.42 | 5 |
| HP15M7 | R1053668 | 7 A | 0.97 | 1.37 | 2.43 | 5 |
| HP15M8 | S1053669 | 8 A | 1.04 | 1.50 | 2.60 | 5 |
| HP15M10 | T1053670 | 10 A | 1.23 | 1.77 | 3.09 | 5 |
| HP15M12 | V1053671 | 12 A | 1.15 | 1.70 | 2.89 | 5 |
| HP15M15 | W1053672 | 15 A | 1.39 | 1.91 | 3.48 | 5 |
| HP15M20 | X1053673 | 20 A | 1.71 | 2.47 | 4.28 | 5 |
| HP15M25 | Y1053674 | 25 A | 2.13 | 3.08 | 5.35 | 5 |
| HP15M30 | Z1053675 | 30 A | 2.56 | 3.61 | 6.40 | 5 |
| HP15M32 | G1059570 | 32 A | 2.73 | 3.85 | 6.82 | 5 |

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HelioProtection® Fuse-links gPV
HP15M with crimp clamp - 1500VDC Midget (10x85mm)

PRODUCT RANGE



HP15M5CC

| Catalog number | Item Number | Rated Current I _n | Power Dissipation at 0.7xI _n (Watts) | Power Dissipation at 0.8xI _n (Watts) | Power Dissipation at 1.0xI _n (Watts) | Package |
|----------------|-------------|------------------------------|---|---|---|---------|
| HP15M4CC | A1061542 | 4 A | 0.80 | 1.04 | 1.69 | 5 |
| HP15M5CC | B1061543 | 5 A | 0.92 | 1.27 | 2.16 | 5 |
| HP15M6CC | D1061545 | 6 A | 1.06 | 1.50 | 2.66 | 5 |
| HP15M7CC | E1061546 | 7 A | 1.06 | 1.50 | 2.67 | 5 |
| HP15M8CC | F1061547 | 8 A | 1.14 | 1.65 | 2.86 | 5 |
| HP15M10CC | G1061548 | 10 A | 1.35 | 1.94 | 3.34 | 5 |
| HP15M12CC | H1061549 | 12 A | 1.26 | 1.87 | 3.18 | 5 |
| HP15M15CC | J1061550 | 15 A | 1.53 | 2.10 | 3.83 | 5 |
| HP15M20CC | K1061551 | 20 A | 1.88 | 2.71 | 4.71 | 5 |
| HP15M25CC | L1061552 | 25 A | 2.34 | 3.39 | 5.88 | 5 |
| HP15M30CC | M1061553 | 30 A | 2.81 | 3.97 | 7.04 | 5 |
| HP15M32CC | N1061554 | 32 A | 3.00 | 4.23 | 7.51 | 5 |

HelioProtection® Fuse-links gPV
Dual HP15M - 1 500VDC ferrule



| Catalog Number | Item Number | Rated Current I _n | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|----------------|-------------|------------------------------|--------------------|--------------------|---------------------|---------|
| HP15M36 | - | 36 A | 3.19 | 4.41 | 5.59 | 25 |
| HP15M45 | - | 45 A | 3.62 | 5.21 | 9.23 | 25 |
| HP15M60 | - | 60 A | | | | |

Minimum breaking capacity: 1.35xI_n
Maximum breaking capacity: 50kA

HelioProtection® Fuse-links gPV
Dual HP15M - 1 500VDC with Crimp Cap



| Catalog Number | Item Number | Rated Current I _n | 70% AMP Rating (W) | 80% AMP Rating (W) | 100% AMP Rating (W) | Package |
|----------------|-------------|------------------------------|--------------------|--------------------|---------------------|---------|
| HP15M36CC | - | 36 A | 3.19 | 4.41 | 5.59 | 25 |
| HP15M45CC | - | 45 A | 3.62 | 5.21 | 9.23 | 25 |
| HP15M60CC | - | 60 A | | | | |

Minimum breaking capacity: 1.35xI_n
Maximum breaking capacity: 50kA

HelioProtection® US15M1HEL
UltraSafe™ Fuseholders for gPV fuse-links HP15M

PRODUCT RANGE



US15M1HEL

| Catalog Number | Fuse Type | No. of Poles | Voltage Rating | Ampere Rating | Packaging |
|----------------|--------------|--------------|----------------|---------------|-----------|
| US15M1HEL | Photovoltaic | 1 | 1500VDC | 30 | 12 |

Helioprotection® HP15FHM32 Series
Fuseholders for gPV fuse-links HP15M



HP15FHM32A HP15FHM32B

| Catalog Number | Fuse Type | No. of Poles | Voltage Rating | Ampere Rating | Packaging |
|----------------|--------------|--------------|----------------|---------------|-----------|
| HP15FHM32A | Photovoltaic | 1 | 1500VDC | 32 | 12 |
| HP15FHM32B | | | | | |

HelioProtection® Fuse-links
HP10NH 1000VDC

Plain blade



HP10NH1GVP125

| Size | Rated Voltage (V) | Nominal Current (A) | Class | Catalog number | Item Number | weight (kg) | Power dissipation at In | Power dissipation at 0,7xIn | Package |
|------|-------------------|---------------------|-------|----------------|-------------|-------------|-------------------------|-----------------------------|---------|
| NH1 | 1000 VDC | 50 | gPV | HP10NH1GVP50 | Z1028283 | 0.4 | 11 | 4.6 | 3 |
| | | 63 | | HP10NH1GVP63 | A1028284 | 0.4 | 13 | 5.4 | 3 |
| | | 80 | | HP10NH1GVP80 | B1028285 | 0.4 | 15 | 6.1 | 3 |
| | | 100 | | HP10NH1GVP100 | C1028286 | 0.4 | 17 | 7.2 | 3 |
| | | 125 | | HP10NH1GVP125 | D1028287 | 0.4 | 18 | 7.4 | 3 |
| | | 160 | | HP10NH1GVP160 | E1028288 | 0.4 | 23 | 9.6 | 3 |
| NH2 | 1000 VDC | 200 | gPV | HP10NH2GVP200 | X1037619 | 0.63 | 29 | 12 | 3 |
| | | 250 | | HP10NH2GVP250 | Y1037620 | 0.63 | 34 | 14 | 3 |

Direct mounting



HP10NH1GVP160B

| Size | Rated Voltage (V) | Nominal Current (A) | Class | Catalog number | Item Number | weight (kg) | Power dissipation at In | Power dissipation at 0,7xIn | Package |
|------|-------------------|---------------------|-------|----------------|-------------|-------------|-------------------------|-----------------------------|---------|
| NH1 | 1000 VDC | 50 | gPV | HP10NH1GVP50B | B1048663 | 0.4 | 11 | 4.6 | 3 |
| | | 63 | | HP10NH1GVP63B | C1048664 | 0.4 | 13 | 5.4 | 3 |
| | | 80 | | HP10NH1GVP80B | D1048665 | 0.4 | 15 | 6.1 | 3 |
| | | 100 | | HP10NH1GVP100B | E1048666 | 0.4 | 17 | 7.2 | 3 |
| | | 125 | | HP10NH1GVP125B | F1048667 | 0.4 | 18 | 7.4 | 3 |
| | | 160 | | HP10NH1GVP160B | G1048668 | 0.4 | 23 | 9.6 | 3 |
| NH2 | 1000 VDC | 200 | gPV | HP10NH2GVP200B | H1048669 | 0.63 | 29 | 12 | 3 |
| | | 250 | | HP10NH2GVP250B | J1048670 | 0.63 | 34 | 14 | 3 |

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HelioProtection® Fuse-links
HP12NH - 1250VDC

PRODUCT RANGE



HP12NH2XLGVPV200

Plain blade

| Size | Rated Voltage (V) | Nominal Current (A) | Class | PLAIN BLADE | | | Power dissipation at 0,7xIn | Power dissipation at In | Package |
|-------|-------------------|---------------------|-------|------------------|-------------|-------------|-----------------------------|-------------------------|---------|
| | | | | Catalog number | Item Number | weight (kg) | | | |
| NH1XL | 1250 VDC | 125 | gPV | HP12NH1XLGVPV125 | G1039744 | 0.435 | 12 | 29 | 1 |
| | | 160 | | HP12NH1XLGVPV160 | H1039745 | 0.698 | 14 | 34 | 1 |
| NH2XL | | 200 | | HP12NH2XLGVPV200 | J1039746 | 1.054 | 16 | 42 | 1 |
| | | 250 | | HP12NH2XLGVPV250 | K1039747 | 1.054 | 17 | 45 | 1 |
| NH3L | | 250 | | HP12NH3LGPV250 | Z1033389 | 1.66 | 18 | 46 | 1 |
| | | 315 | | HP12NH3LGPV315 | A1033390 | 1.66 | 22 | 53 | 1 |
| | | 350 | | HP12NH3LGPV350 | B1033391 | 1.66 | 23 | 55 | 1 |
| | | 400 | | HP12NH3LGPV400 | C1033392 | 1.66 | 29 | 73 | 1 |



Direct mounting

| Size | Rated Voltage (V) | Nominal Current (A) | Class | DIRECT MOUNTING | | Power dissipation at 0,7xIn | Power dissipation at In | Package |
|-------|-------------------|---------------------|-------|-----------------|-------------|-----------------------------|-------------------------|---------|
| | | | | Catalog number | Item Number | | | |
| NH1XL | 1250 VDC | 125 | gPV | HP12NH1LGPV125B | K1048671 | 12 | 29 | 1 |
| | | 160 | | HP12NH1LGPV160B | L1048672 | 14 | 34 | 1 |
| NH2XL | | 200 | | HP12NH2LGPV200B | M1048673 | 16 | 42 | 1 |
| | | 250 | | HP12NH2LGPV250B | N1048674 | 17 | 45 | 1 |
| NH3L | | 250 | | HP12NH3LGPV250B | P1048675 | 18 | 46 | 1 |
| | | 315 | | HP12NH3LGPV315B | Q1048676 | 22 | 53 | 1 |
| | | 350 | | HP12NH3LGPV350B | R1048677 | 23 | 55 | 1 |
| | | 400 | | HP12NH3LGPV400B | S1048678 | 29 | 73 | 1 |

Photovoltaic Fuse bases
1000VDC



| Catalog Number | Item Number | Power acceptance | Rated impulse withstand voltage Uimp | Design | Package |
|----------------|-------------|------------------|--------------------------------------|---|---------|
| HPBB11PPR | A1030607 | 32 W | 8 kV | open design, for DIN-rail or screw mounting, for NH fuse links size 1 | 3 |
| HPBB11PPRFS | K1032916 | 32 W | 8 kV | with touch protection, for DIN-rail or screw mounting, for NH fuse links size 1 | 3 |



HPBB21PPR

| Catalog Number | Item Number | Power acceptance | Rated impulse withstand voltage Uimp | Design | Package |
|----------------|-------------|------------------|--------------------------------------|---|---------|
| HPBB21PPR | C1037509 | 45 W | 8 kV | open design, for DIN-rail or screw mounting, for NH fuse links size 1 and 2 | 3 |
| HPBB21PPRFS | D1037510 | 45 W | 8 kV | with touch protection, for DIN-rail or screw mounting, for NH fuse links size 1 and 2 | 3 |

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HelioProtection® Fuse-links gPV
HP15NH - 1500VDC

PRODUCT RANGE



HP15NH3LGPV400

NH-fuse-links gPV 1500VDC Plain Blade

| Catalog number | Item number | Size | Rated current I_n | Power dissipation at I_n | Power dissipation at $0.7 \times I_n$ | Package | Weight |
|-----------------|-------------|------|---------------------|----------------------------|---------------------------------------|---------|---------|
| HP15NH1XLGPV50 | A1061266 | 1XL | 50 A | 21 W | 8.6 W | | 0.7 kg |
| HP15NH1XLGPV63 | Z1064508 | 1XL | 63 A | 25 W | 10.2 W | | 0.7 kg |
| HP15NH1XLGPV80 | A1064509 | 1XL | 80 A | 25.5 W | 10.3 W | | 0.7 kg |
| HP15NH1XLGPV100 | B1064510 | 1XL | 100 A | 26 W | 10.5 W | | 0.7 kg |
| HP15NH1XLGPV125 | C1064511 | 1XL | 125 A | 30 W | 12.2 W | | 0.7 kg |
| HP15NH2XLGPV125 | H1064309 | 2XL | 125 A | 33.7 W | 13.6 W | | 1.05 kg |
| HP15NH2XLGPV160 | J1064310 | 2XL | 160 A | 38 W | 15.4 W | | 1.05 kg |
| HP15NH2XLGPV200 | K1064311 | 2XL | 200 A | 48 W | 19.4 W | | 1.05 kg |
| HP15NH2XLGPV250 | L1064312 | 2XL | 250 A | 51.7 W | 20.9 W | | 1.05 kg |
| HP15NH3LGPV160 | H1037859 | 3L | 160 A | 36 W | 15 W | | 1.69 kg |
| HP15NH3LGPV200 | J1037860 | 3L | 200 A | 44 W | 18 W | | 1.69 kg |
| HP15NH3LGPV250 | K1037861 | 3L | 250 A | 50 W | 20 W | | 1.69 kg |
| HP15NH3LGPV315 | L1037862 | 3L | 315 A | 57 W | 23 W | | 1.69 kg |
| HP15NH3LGPV350 | M1037863 | 3L | 350 A | 63 W | 25 W | | 1.69 kg |
| HP15NH3LGPV400 | N1037864 | 3L | 400 A | 71 W | 28 W | | 1.69 kg |



HP15NH3LGPV400B

NH-fuse-links gPV 1500VDC Direct Mounting

| Catalog number | Item number | Size | Rated current I_n | Power dissipation at I_n | Power dissipation at $0.7 \times I_n$ | Package | Weight |
|-----------------|-------------|------|---------------------|----------------------------|---------------------------------------|---------|---------|
| HP15NH1LGPV50B | D1065431 | 1XL | 50 A | 21 W | 8.6 W | 1 | 0.69 kg |
| HP15NH1LGPV63B | D1065432 | 1XL | 63 A | 25 W | 10.2 W | 1 | 0.69 kg |
| HP15NH1LGPV80B | E1065433 | 1XL | 80 A | 25.5 W | 10.3 W | 1 | 0.69 kg |
| HP15NH1LGPV100B | F1065434 | 1XL | 100 A | 26 W | 10.5 W | 1 | 0.69 kg |
| HP15NH1LGPV125B | G1065435 | 1XL | 125 A | 30 W | 12.2 W | 1 | 0.69 kg |
| HP15NH2LGPV125B | M1064313 | 2XL | 125 A | 33.7 W | 13.6 W | 1 | 1.02 kg |
| HP15NH2LGPV160B | N1064314 | 2XL | 160 A | 38 W | 15.4 W | 1 | 1.02 kg |
| HP15NH2LGPV200B | P1064315 | 2XL | 200 A | 48 W | 19.4 W | 1 | 1.02 kg |
| HP15NH2LGPV250B | Q1064316 | 2XL | 250 A | 51.7 W | 20.9 W | 1 | 1.02 kg |
| HP15NH3LGPV160B | T1048679 | 3L | 160 A | 36 W | 15 W | 1 | 1.66 kg |
| HP15NH3LGPV200B | V1048680 | 3L | 200 A | 44 W | 18 W | 1 | 1.66 kg |
| HP15NH3LGPV250B | W1048681 | 3L | 250 A | 50 W | 20 W | 1 | 1.66 kg |
| HP15NH3LGPV315B | X1048682 | 3L | 315 A | 57 W | 23 W | 1 | 1.66 kg |
| HP15NH3LGPV350B | Y1048683 | 3L | 350 A | 63 W | 25 W | 1 | 1.66 kg |
| HP15NH3LGPV400B | Z1048684 | 3L | 400 A | 71 W | 28 W | 1 | 1.66 kg |



HP15NH3LPV350BI

NH-fuse-links gPV 1500VDC Direct Mounting size 3L with striker

| Catalog number | Item number | Rated current I_n | Power dissipation at I_n | Power dissipation at $0.7 \times I_n$ | Power dissipation at $0.8 I_n$ | Package | Weight |
|-----------------|-------------|---------------------|----------------------------|---------------------------------------|--------------------------------|---------|---------|
| HP15NH3LPV160BI | A1057218 | 160 A | 36 W | 15 W | 20 W | 1 | 1.66 kg |
| HP15NH3LPV200BI | B1057219 | 200 A | 44 W | 18 W | 25 W | 1 | 1.66 kg |
| HP15NH3LPV250BI | C1057220 | 250 A | 50 W | 20 W | 28 W | 1 | 1.66 kg |
| HP15NH3LPV315BI | D1057221 | 315 A | 57 W | 23 W | 32 W | 1 | 1.66 kg |
| HP15NH3LPV350BI | E1057222 | 350 A | 63 W | 25 W | 35 W | 1 | 1.66 kg |
| HP15NH3LPV400BI | F1057223 | 400 A | 71 W | 28 W | 40 W | 1 | 1.66 kg |

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Microswitch
1000VDC

PRODUCT RANGE



MC3E1-5N

Microswitch for NH-fuse-link gPV 1500VDC size 3L (with striker)

| Catalog number | Item number | Rated current I _n | Rated impulse withstand voltage U _{imp} | Indication System | Package | Weight |
|----------------|-------------|------------------------------|--|-------------------|---------|--------|
| MC3E1-5N | D310020 | 5 A | 20 kV | standard | 3 | 32 g |

Photovoltaic Fuse bases
1500VDC - Protected version

PRODUCT RANGE



HP15FHH1XLB



COVERFHH3L



COVERFHH1XL

Fuse-bases for NH gPV fuse-links, single pole, 1500VDC, 50 kA, SCCR 15kA

| Catalog number | Size | Rated current I _n | Power acceptance | Rated impulse withstand voltage U _{imp} | Cable termination | Design | Package |
|----------------|--------|------------------------------|------------------|--|--|---|---------|
| HP15FHH1XLA | 1XL | 250 A | 50 W | 6 kV | M10 terminal screws M = 32Nm for cable lugs 25-240 mm ² | open design, screw mounting, for NH1XL fuse-links with blade contacts | - |
| HP15FHH1XLB | 1XL | 250 A | 50 W | 6 kV | M10 terminal screws M = 32Nm for cable lugs 25-240 mm ² | with touch-safe protection, screw mounting, for NH1XL fuse-links with blade contacts | - |
| HP15FHH3LA | 2XL-3L | 600 A | 100 W | 6 kV | M12 terminal screws M = 32Nm for cable lugs 25-300 mm ² | open design, screw mounting, for NH2XL and NH3L fuse-links with blade contacts | - |
| HP15FHH3LB | 2XL-3L | 600 A | 100 W | 6 kV | M12 terminal screws M = 32Nm for cable lugs 25-300 mm ² | with touch-safe protection, screw mounting, for NH2XL and NH3L fuse-links with blade contacts | - |

Cover for fuse-base with touch protection

| Catalog number | Design | Package |
|----------------|---|---------|
| COVERFHH1XL | pack of 4 gripping lug covers for NH1XL fuse-base with touch protection | 1 |
| COVERFHH3L | pack of 2 gripping lug covers for NH3L fuse-base with touch protection | 1 |

HP6J - 600V DC Class J Photovoltaic Fuses



| Catalog Number | | | | | |
|----------------|--------------|---------|--------------|---------|--------------|
| Frame Size 1 | Frame Size 2 | | Frame Size 3 | | Frame Size 4 |
| HP6J70 | HP6J110 | HP6J175 | HP6J225 | HP6J350 | HP6J450 |
| HP6J80 | HP6J125 | HP6J200 | HP6J250 | HP6J400 | HP6J500 |
| - | HP6J150 | - | HP6J300 | - | HP6J600 |

Volts: 600VDC
Amps: 70 to 600A
IR: 10kA I.R. DC
MBC: 1.35 x I_n
Photovoltaic Fuse

HP10J - 1000V DC Class J Photovoltaic Fuses



| Catalog Number | | | | |
|----------------|----------|--------------|----------|--------------|
| Frame Size 1 | | Frame Size 2 | | Frame Size 3 |
| HP10J70 | HP10J125 | HP10J250 | HP10J400 | HP10J450 |
| HP10J80 | HP10J160 | HP10J300 | - | HP10J500 |
| HP10J100 | HP10J200 | HP10J350 | - | HP10J600 |

Volts: 1000VDC (70A to 600A), 600VAC (70A to 400A)
Amps: 70A to 600A
IR: 65kA @ 1000VDC, 200kA @ 600VAC
MBC: 1.35 x I_n
Photovoltaic Fuse

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SURGE-TRAP® DC Type 1+2 YPV photovoltaic SPD
STP T12 5 YPV

PRODUCT RANGE



STPT12-5K1000V-YPVM

Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Ucpv [Vdc] | Iscpv [A] | IIMP (10/350) [kA] | I _{max} (8/20) [kA] | I _n (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|---------------------|-------------|-------------|------------|-----------|--------------------|------------------------------|----------------------------|-------------------|-----------------------|-----------------|
| STPT12-5K1000V-YPV | 83120167 | "Y" PV | 1060 | 10 000 | 5 | 40 | 20 | ≤ 4 | | C43 |
| STPT12-5K1000V-YPVM | 83120168 | "Y" PV | 1060 | 10 000 | 5 | 40 | 20 | ≤ 4 | √ | C43 |
| STPT12-5K1500V-YPV | 83120193 | 3 | 1500 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 5 kV | No | SP12-5K1500V-PV |
| STPT12-5K1500V-YPVM | 83120194 | 3 | 1500 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 5 kV | Yes | SP12-5K1500V-PV |

Replacement cartridges

| Catalog number | Item number | Network | Ucpv [Vdc] | IIMP (10/350) [kA] | I _{max} (8/20) [kA] | I _n (8/20) @Up [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|-----------------|-------------|---------|------------|--------------------|------------------------------|--------------------------------|-------------------|---------------|
| SP12-5K1000V-PV | 83120011 | PV | 530 | 5 | 40 | 20 | ≤ 2 | C43 |

SURGE-TRAP® DC Type 2 YPV photovoltaic SPD
STP T2 40 YPV



STPT2-40K1500V-YPVM

Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Ucpv [Vdc] | Iscpv [A] | I _{max} (8/20) [kA] | I _n (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|---|-------------|-----------------|------------|-----------|------------------------------|----------------------------|-------------------|-----------------------|-----------------|
| Y PV. LARGE-SCALE AND ROOFTOP PV | | | | | | | | | |
| STPT2-40K600V-YPV | 83020138 | "Y" PV | 660 | 10 000 | 40 | 20 | ≤2.6 | | C40 |
| STPT2-40K600V-YPVM | 83020139 | "Y" PV | 660 | 10 000 | 40 | 20 | ≤2.6 | √ | C40 |
| STPT2-40K1000V-YPV | 83020140 | "Y" PV | 1060 | 10 000 | 40 | 20 | ≤4 | | C41 |
| STPT2-40K1000V-YPVM | 83020141 | "Y" PV | 1060 | 10 000 | 40 | 20 | ≤4 | √ | C41 |
| STPT2-40K1500V-YPV | 83020158 | "Y" PV | 1500 | 10 000 | 40 | 15 | ≤5 | | C42 |
| STPT2-40K1500V-YPVM | 83020159 | "Y" PV | 1500 | 10 000 | 40 | 15 | ≤5 | √ | C42 |
| U PV. SELF-CONSUMPTION | | | | | | | | | |
| STPT2-40K60V-2P | 83020128 | TNS (1Ph+N); PV | 65 | 1000 | 40 | 20 | ≤0.7 | | Consult |
| STPT2-40K60V-2PM | 83020129 | TNS (1Ph+N); PV | 65 | 1000 | 40 | 20 | ≤0.7 | √ | Consult |
| STPT2-40K75V-2P | 83020130 | TNS (1Ph+N); PV | 80 | 1000 | 40 | 20 | ≤0.8 | | Consult |
| STPT2-40K75V-2PM | 83020131 | TNS (1Ph+N); PV | 80 | 1000 | 40 | 20 | ≤0.8 | √ | Consult |

Replacement cartridges

| Item number | Catalog number | Network | Ucpv [Vdc] | I _{max} (8/20) [kA] | I _n (8/20) @Up [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|-------------|-----------------|---------|------------|------------------------------|--------------------------------|-------------------|---------------|
| 83020005 | SP2-40K600V-PV | PV | 330 | 40 | 20 | ≤1.3 | C40 |
| 83020006 | SP2-40K1000V-PV | PV | 530 | 40 | 20 | ≤2 | C41 |
| 83020010 | SP2-40K1500V-PV | PV | 750 | 40 | 10 | ≤2,5 | C42 |

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SURGE-TRAP® DC T2 & T1+2 MPPT photovoltaic SPD
STP MPPT PV

PRODUCT RANGE



STPT2-40K1000V-8YPVM

Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Ucpv [Vdc] | Iscpv [A] | IIMP (10/350) [kA] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|----------------------|-------------|---------------|------------|-----------|--------------------|------------------|----------------|-------------------|-----------------------|-----------------|
| TYPE 1+2 | | | | | | | | | | |
| STPT12-5K1000V-5YPVM | 83120192 | 3+ , 1- , 1PE | 1060 | 10000 | 5 | 40 | 20 | 4 | √ | C43 |
| STPT12-5K1000V-8YPVM | 83120190 | 6+ , 1- , 1PE | 1060 | 10000 | 5 | 40 | 20 | 4 | √ | C43 |
| TYPE 2 | | | | | | | | | | |
| STPT2-40K1000V-5YPVM | 83020188 | 3+ , 1- , 1PE | 1060 | 10000 | - | 40 | 20 | 4 | √ | C02 |
| STPT2-40K1000V-8YPVM | 83020204 | 6+ , 1- , 1PE | 1060 | 10000 | - | 40 | 20 | 4 | √ | C02 |

Replacement cartridges

| Catalog number | Item number | Network | Ucpv [Vdc] | IIMP (10/350) [kA] | Imax (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|-----------------|-------------|---------|------------|--------------------|------------------|----------------|-------------------|---------------|
| SP2-40K1000V-PV | 83020006 | PV | 530 | - | 40 | 20 | ≤2 | C02 |
| SP12-5K1000V-PV | 83020011 | PV | 530 | 5 | 40 | 20 | ≤2 | C43 |

SURGE-TRAP® plug-in surge sockets for PCB
SB-PCB



SB-PCB-1000PV-M

Catalog numbers / Reference numbers

| Catalog number | Item number | Ucpv [Vdc] | Remote indication (M) | Cartridge Id. Item number | Cartridge Id. Catalog number |
|-----------------|-------------|------------|-----------------------|---------------------------|------------------------------|
| DC SIDE | | | | | |
| SB-PCB-1000PV-M | 83050133 | 1000 | √ | 83020006 | SP2-40K1000V-PV |
| SB-PCB-1500PV-M | 83050135 | 1500 | √ | 83020010 | SP2-40K1500V-PV |
| AC SIDE | | | | | |
| SB-PCB-275V-M | 83050119 | 275 | √ | 83020002 | SP2-40K275V |
| SB-PCB-440V-M | 83050123 | 320 | √ | 83020004 | SP2-40K440V |
| SB-PCB-750V-M | 83050127 | 440 | √ | 83020007 | SP2-30K750V |
| SB-PCB-N-M | 83050129 | 750 | √ | 83020000 | SP2-40K-N |

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SURGE-TRAP® AC Type 2 photovoltaic SPD
STP T2 40 3P

PRODUCT RANGE



STPT2-40K275V-3PM

Catalog numbers / Reference numbers

| Catalog number | Item number | System type | Un [VAC] | Uc [V] | I _{max} (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | Cartridge Id. L |
|-------------------|-------------|-------------|---------------|--------|------------------------------|----------------|-------------------|-----------------------|-----------------|
| STPT2-40K275V-3P | 83020134 | TNC (3Ph) | -/400 | 275 | 40 | 20 | ≤1.3 | | C06 |
| STPT2-40K275V-3PM | 83020135 | TNC (3Ph) | -/400 | 275 | 40 | 20 | ≤1.3 | √ | C06 |
| STPT2-40K320V-3P | 83020136 | TNC (3Ph) | -/480 | 320 | 40 | 20 | ≤1.4 | | C07 |
| STPT2-40K320V-3PM | 83020137 | TNC (3Ph) | -/480 | 320 | 40 | 20 | ≤1.4 | √ | C07 |
| STPT2-30K750V-3P | 83020102 | TNC (3Ph) | -/690; -/1000 | 750 | 30 | 15 | ≤3 | | C08 |
| STPT2-30K750V-3PM | 83020103 | TNC (3Ph) | -/690; -/1000 | 750 | 30 | 15 | ≤3 | √ | C08 |
| STPT2-30K750V-1P | 83020100 | L-N (1Ph) | 690 | 750 | 30 | 15 | ≤3 | | C08 |
| STPT2-30K750V-1PM | 83020101 | L-N (1Ph) | 690 | 750 | 30 | 15 | ≤3 | √ | C08 |

Replacement cartridges

| Catalog number | Item number | Network | Un [VAC] | Uc [V] | I _{max} (8/20) [kA] | In (8/20) [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|----------------|-------------|-----------|----------|--------|------------------------------|----------------|-------------------|---------------|
| SP2-40K275V | 83020002 | L-N (1Ph) | 230 | 275 | 40 | 20 | ≤1.3 | C06 |
| SP2-40K320V | 83020003 | L-N (1Ph) | 277 | 320 | 40 | 20 | ≤1.4 | C07 |
| SP2-30K750V | 83020007 | L-N (1Ph) | 690 | 750 | 30 | 15 | ≤3 | C08 |

SURGE-TRAP® AC Type 2 reinforced peak withstand photovoltaic SPD
STP T2 30 3P-R

PRODUCT RANGE



STPT2-30K850V-3P-R

Catalog numbers / Reference numbers

| Catalog number | Item number | System type | UN [VAC] | UC [V] | I _{max} (8/20) [kA] | I _n (8/20) [kA] | Up@In (8/20) [kV] | Remote indication (M) | U _{peak} (I-pe) [kV] | L | PE |
|---------------------|-------------|-------------|----------|--------|------------------------------|----------------------------|-------------------|-----------------------|-------------------------------|-----|-----|
| STPT2-30K440V-3P-R | 83020177 | IT | - / 400 | 440 | 30 | 20 | 5 | | 1,6 | C25 | C08 |
| STPT2-30K440V-3P-RM | 83020178 | IT | - / 400 | 440 | 30 | 20 | 5 | √ | 1,6 | C25 | C08 |
| STPT2-30K750V-3P-R | 83020213 | IT | - / 690 | 750 | 30 | 15 | 6 | | 2,1 | C08 | C08 |
| STPT2-30K750V-3P-RM | 83020214 | IT | - / 690 | 750 | 30 | 15 | 6 | √ | 2,1 | C08 | C08 |
| STPT2-30K850V-3P-R | 83020201 | IT | - / 690 | 850 | 30 | 15 | 6 | | 2,2 | C28 | C28 |
| STPT2-30K850V-3P-RM | 83020202 | IT | - / 690 | 850 | 30 | 15 | 6 | √ | 2,2 | C28 | C28 |
| STPT2-30K850V-1P | 83020234 | L-N (1Ph) | 690 | 850 | 30 | 15 | 3 | | - | C28 | - |
| STPT2-30K850V-1PM | 83020235 | L-N (1Ph) | 690 | 850 | 30 | 15 | 3 | √ | - | C28 | - |

Replacement cartridges

| Catalog number | Item number | Network | Un [VAC] | Uc [V] | I _{max} (8/20) [kA] | I _n (8/20) [kA] | Up@In (8/20) [kV] | Cartridge Id. |
|----------------|-------------|-----------|----------|--------|------------------------------|----------------------------|-------------------|---------------|
| SP2-40K440V | 83020004 | L-N (1Ph) | 400 | 440 | 40 | 20 | ≤2 | C25 |
| SP2-30K750V | 83020007 | L-N (1Ph) | 690 | 750 | 30 | 15 | 3 | C08 |
| SP2-30K850V | 83020022 | L-N (1Ph) | 690 | 850 | 30 | 15 | 3 | C28 |

SURGE-TRAP® Signal Line photovoltaic SPD
STS 485

PRODUCT RANGE



STPT2-40K275V-3PM



STS485-5K-15V-3WI



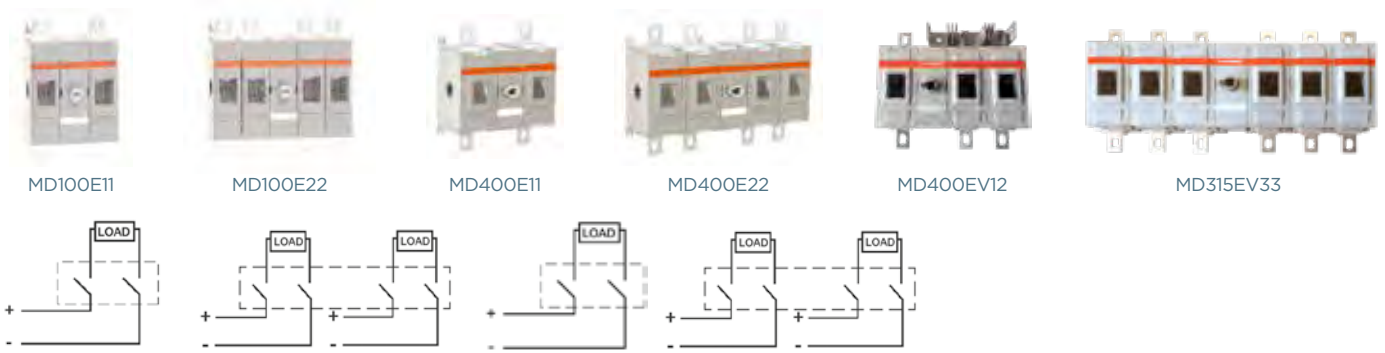
STS485-5K-15V-3WI

Catalog numbers / Reference numbers

| Catalog number | Item number | Un [V] | D1 (10/350) [kA] | I _{max} (8/20) | C2 (8/20) | Up@In (8/20) [V] | f _g [MHz] | Protected wires | EOL Indication |
|----------------|-------------|--------|------------------|-------------------------|-----------|------------------|----------------------|-----------------|----------------|
| STS485-7V-2W | 83040111 | 6 | 2,5 | 10 | 5 | 10 | 1 | 2 | |
| STS485-16V-2W | 83040112 | 12 | 2,5 | 10 | 5 | 20 | 1,2 | 2 | |
| STS485-27V-2W | 83040113 | 24 | 2,5 | 10 | 5 | 40 | 4 | 2 | |
| STS485-56V-2W | 83040114 | 48 | 2,5 | 10 | 5 | 70 | 5 | 2 | |
| STS485-15V-3WI | 83040110 | 12 | 2,5 | 10 | 5 | 45 | 10 | 2+GND | √ |
| STS485-5V-4WG | 83040120 | 5 | 2,5 | 10 | 10 | 30 | 60 | 4+GND | |

PV-Rated Disconnect Switches
IEC-Rated DC Switches

PRODUCT RANGE



Switch Body

| Ampere Rating | 100 | 160 | 200 | 250 | 315 | 400 | 500 |
|-----------------------------------|----------|----------|----------|----------|-----------|-----------|-----------|
| 1000VDC 2-pole Configuration | MD100E11 | MD160E11 | MD200E11 | MD250E11 | MD315E11 | MD400E11 | MD500E11 |
| 1000VDC 2x2-pole Configuration | MD100E22 | MD160E22 | MD200E22 | MD250E22 | MD315E22 | MD400E22 | MD500E22 |
| 1500VDC 3-pole Configuration | | | | | MD315EV12 | MD400EV12 | MD500EV12 |
| 1500VDC 2x3-pole Configuration | | | | | MD315EV33 | MD400EV33 | MD500EV33 |

Handles and Shafts



HDD250



HB65

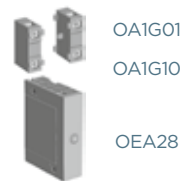
| Direct Front Operation | | | | | | | |
|------------------------|--------|--------|--------|--------|--------|--------|--------|
| | HDD250 | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 | HDD400 |

| External Pistol Style | | |
|-----------------------|--------------|----------------|
| NEMA Type 1, 3R, 12 | HB65, HB80 | HB125, HB145 |
| NEMA Type 4, 4X | HB65X, HB80X | HB125X, HB125X |

B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65

| Shafts | | |
|--------------------------------------|--|--|
| Shaft—SPAxxx (xxx = length in mm) | SPA130, SPA210, SPA290, SPA360, SPA430 | SFB185, SFB280, SFB325, SFB395, SFB535 |

Accessories



OA1G01

OA1G10

OEA28

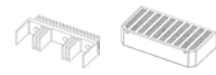
| Auxiliary Contacts* | | | | | | | |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

*Rated 2A max continuous @690VAC



JUMP250

JC250

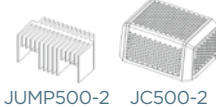


JUMP500

JC500

| Short Circuit Link | | | | | | | |
|---------------------------|---------|---------|---------|---------|-----------|-----------|-----------|
| For MDxxxE22 and EV33 | | | | | JUMP500-2 | JUMP500-2 | JUMP500-2 |
| For MDxxxE11, E22, EV12** | JUMP250 | JUMP250 | JUMP250 | JUMP250 | JUMP500 | JUMP500 | JUMP500 |

**Shipped with one link per circuit



JUMP500-2

JC500-2

| Terminal Shroud for Short Circuit Link | | | | | | | |
|--|-------|-------|-------|-------|---------|---------|---------|
| For JUMP500-2 | | | | | JC500-2 | JC500-2 | JC500-2 |
| For JUMP250, JUMP500 | JC250 | JC250 | JC250 | JC250 | JC500 | JC500 | JC500 |

| Terminal Shrouds for Lugs | | | | | | | |
|---------------------------|----------|----------|----------|----------|--------|--------|--------|
| Kit of 4 Terminal Shrouds | TS250-14 | TS250-14 | TS250-14 | TS250-14 | | | |
| 1 Terminal Shroud | | | | | TDS400 | TDS400 | TDS400 |

A shorter version is available for DC Switches up to 250A. 1 piece per package: TS250S-14

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PV-Rated Disconnect Switches
UL 98B Listed DC Switches

PRODUCT RANGE



MD100U11



MD100U22



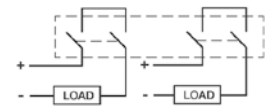
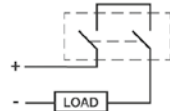
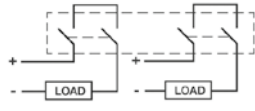
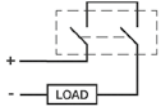
MD250UV12



MD400U11



MD400U22



Switch Body

| Ampere Rating | 100 | 200 | 250 | 320 | 400 |
|-----------------------------------|----------|----------|-----------|-----------|-----------|
| 1000VDC 2-pole Configuration | MD100U11 | MD200U11 | MD250U11 | MD320U11 | MD400U11 |
| 1000VDC 2x2-pole Configuration | MD180U22 | MD180U22 | MD180U22 | MD320U22 | MD400U22 |
| 1500VDC 2-pole Configuration | | | MD250UV12 | MD320UV12 | MD400UV12 |

Handles and Shafts



HDD400



HB125

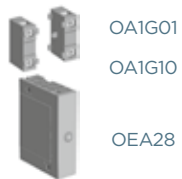
| Direct Front Operation | | | | | |
|------------------------|--------|--------|--------|--------|--------|
| 1000VDC | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 |
| 1500VDC | | | HDD400 | HDD400 | HDD400 |

| External Pistol Style | | |
|-----------------------|--------------|----------------|
| NEMA Type 1, 3R, 12 | HB65, HB80 | HB125, HB145 |
| NEMA Type 4, 4X | HB65X, HB80X | HB125X, HB145X |

B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65

| Shafts | | |
|--|---|--|
| Shaft—SPAxxx (xxx = length in mm), SFBxxx (xxx = length in mm) | SPA130, SPA210, SPA290, SPA360, SPA430 | SFB185, SFB280, SFB325, SFB395, SFB535 |

Accessories



OA1G01

OA1G10



OEA28

| Auxiliary Contacts* | | | | | |
|-----------------------------|--------|--------|--------|--------|--------|
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

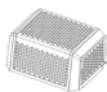
*Rated 2A max continuous @690VAC



JC250



JC500



JC500-2

| Terminal Shroud for Short Circuit Link | | | | | |
|--|---------|---------|---------|---------|---------|
| For MDxxxU11, UV12 | JC250 | JC250 | JC500 | JC500 | JC500 |
| For MDxxxU22 | JC500-2 | JC500-2 | JC500-2 | JC500-2 | JC500-2 |

| Terminal Shroud for Lugs | | | | | |
|---------------------------|--------|--------|--------|--------|--------|
| Kit of 4 Terminal Shrouds | | | | | |
| 1 Terminal Shroud | TDS400 | TDS400 | TDS400 | TDS400 | TDS400 |

A shorter version is available for DC switches up to 250A. 1 piece per package: TDS250S.

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PV-Rated Disconnect Switches

PRODUCT RANGE

UL 98B DC-rated Non-Fused switches

| Part # | Description | Ref # |
|-----------|----------------------------|----------|
| MD100U11 | DC Switch 100A UL 2p | X1043231 |
| MD180U22 | DC Switch 180A UL 4p | Y1043232 |
| MD200U11 | DC Switch 200A UL 2p | Z1043233 |
| MD250U11 | DC Switch 250A UL 2p | A1043234 |
| MD250U22 | DC Switch 250A UL 4p | B1043235 |
| MD320U11 | DC Switch 320A UL 2p | C1043236 |
| MD320U22 | DC Switch 320A UL 4p | D1043237 |
| MD400U11 | DC Switch 400A UL 2p | E1043238 |
| MD400U22 | DC Switch 400A UL 4p | F1043239 |
| MD250UV12 | DC Switch 250A UL 1500V 3p | L1050926 |
| MD320UV12 | DC Switch 320A UL 1500V 3p | M1050927 |
| MD400UV12 | DC Switch 400A UL 1500V 3p | N1050928 |

IEC DC-rated Non-Fused switches

| Part # | Description | Ref # |
|-----------|-------------------------------|----------|
| MD100E11 | DC Switch 100A IEC 1000V 2p | G1043217 |
| MD160E11 | DC Switch 160A IEC 1000V 2p | H1043218 |
| MD200E11 | DC Switch 200A IEC 1000V 2p | J1043219 |
| MD250E11 | DC Switch 250A IEC 1000V 2p | K1043220 |
| MD100E22 | DC Switch 100A IEC 2x1000V 4p | L1043221 |
| MD160E22 | DC Switch 160A IEC 2x1000V 4p | M1043222 |
| MD200E22 | DC Switch 200A IEC 2x1000V 4p | N1043223 |
| MD250E22 | DC Switch 250A IEC 2x1000V 4p | P1043224 |
| MD315E11 | DC Switch 315A IEC 1000V 2p | Q1043225 |
| MD400E11 | DC Switch 400A IEC 1000V 2p | R1043226 |
| MD500E11 | DC Switch 500A IEC 1000V 2p | S1043227 |
| MD315E22 | DC Switch 315A IEC 2x1000V 4p | T1043228 |
| MD400E22 | DC Switch 400A IEC 2x1000V 4p | V1043229 |
| MD500E22 | DC Switch 500A IEC 2x1000V 4p | W1043230 |
| MD315EV12 | DC Switch 315A IEC 1500V 3p | C1050918 |
| MD400EV12 | DC Switch 400A IEC 1500V 3p | D1050919 |
| MD500EV12 | DC Switch 500A IEC 1500V 3p | E1050920 |
| MD315EV33 | DC Switch 315A IEC 2x1500V 6p | F1050921 |
| MD400EV33 | DC Switch 400A IEC 2x1500V 6p | G1050922 |
| MD500EV33 | DC Switch 500A IEC 2x1500V 6p | J1050924 |

Handles

| Part # | Description | Ref # |
|--------|---------------------------------|----------|
| HB65 | Handle black65mm IP65 NEMA 3R | W1043368 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 |
| HB125 | Handle black 125mm IP65 NEMA 3R | A1043372 |
| HB125X | Handle black 125mm IP65 NEMA 4X | B1043373 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 |
| HR125X | Handle red125mm IP65 NEMA 4X | L1043382 |
| HDD250 | Handle direct MD100-250 | G1047794 |
| HDD400 | Handle direct MD315-500 | H1047795 |

Shafts

| Part # | Description | Ref # |
|--------|-------------------------------|----------|
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 |
| SPA130 | Shaft pistol handle 6x6x130mm | V1043919 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 |

Terminal Shrouds

| Part # | Description | Ref # |
|----------|------------------------------|----------|
| TS250-14 | Term.shrd 250A switch 1p L/4 | A1043464 |
| TDS400 | Term.shrd MD250-500 1p L/1 | A1045534 |
| TDS250S | Term.shrd MD100-250 1p S /1 | Z1045533 |

Jumpers

| Part # | Description | Ref # |
|-----------|-------------------------------|----------|
| JUMP250 | Jumper bar for 250A DC switch | F1043469 |
| JUMP500 | Jumper bar for 500A DC switch | G1043470 |
| JUMP500-2 | Jumper bar for 1500V E33 | S1051300 |
| JC250 | Jumper cover for JUMP250 | H1043471 |
| JC500 | Jumper cover for JUMP500 | J1043472 |
| JC500-2 | Jumper cover for JUMP500-2 | V1051302 |

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LOW VOLTAGE SWITCHES



IEC FUSIBLE DISCONNECT SWITCHES **232 - 235**

IEC Low Voltage Disconnect Switches232



IEC NON-FUSIBLE DISCONNECT SWITCHES **236 - 240**

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IEC Low Voltage Disconnect Switches.....239



PV-RATED DISCONNECT SWITCHES **241 - 243**

IEC-Rated DC Switches.....241
UL98B Listed DC Switches242

IEC Low Voltage Disconnect Switches

Front and Side Operated



M25F30S

25A, F fused, with 3 poles on left side of handle, side operated



M63D03

63A, D fused, with 3 poles on right side of handle

Switch Body

Handles



HB65



HDF200

Shafts



SA105

Accessories



OA3G01

OA1G10

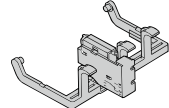


TSF250-14

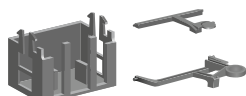
OEA28



TSF400-14



BFM25P3



BFM800DP3

| | | | | | | | |
|----------------------|---------|---------|---------|---------|---------|---------|---------|
| Ampere Rating | 25 | 50 | 125 | 63 | 160 | 200 | 250 |
| Base Cat # | M25 | M50 | M125 | M63 | M160 | M200 | M250 |
| Fuse Type | F | F | F | D | D | D | D |
| 3-pole Configuration | 12, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S |
| Fuse Size | 10x38 | 14x51 | 22x58 | 000 | 00 | 0 | 0-1 |

| | | | | | | | |
|---------------------------|----|----|-----|----|-----|--------|--------|
| Switch Body Ampere Rating | 25 | 50 | 125 | 63 | 160 | 200 | 250 |
| Fourth Pole | | | | | | | |
| Fusible Fourth Pole | | | | | | 4PD200 | 4PD250 |

| | | | | | | | |
|------------------------|-------|--------|--------|--------|--------|---------|---------|
| Direct Front Operation | | | | | | | |
| | HDF30 | HDF200 | HDF200 | HDF200 | HDF200 | HDF250T | HDF250T |

| | | | | | | | |
|--|---------|---------|-------|-------|-------|-------|-------|
| External Front Operation - Pistol Style | | | | | | | |
| NEMA Type 1, 3R, 12, IP65 | HB45/65 | HB45/65 | HB65 | HB65 | HB65 | HB65 | HB65 |
| NEMA Type 4, 4X | HB45X | HB45X | HB65X | HB65X | HB65X | HB65X | HB65X |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR45 | | | | | | | |

| | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|
| External Right-Side Operation - Pistol Style | | | | | | | |
| NEMA 1, 3R, IP65 | HB65S | HB65S | HB65S | HB65S | HB65S | HB65S | HB65S |

| | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|
| Shafts | | | | | | | |
| | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ |
| Lengths: 210, 290, 360, 430 Ex. SPA210 | | | | | | | |

| | | | | | | | |
|------------------|--|--|-----------|--|-----------|-----------|-----------|
| Terminal Shrouds | | | | | | | |
| 3-pole | | | TSF160-13 | | TSF160-13 | TSF200-13 | TSF250-13 |
| 4-pole | | | TSF160-14 | | TSF160-14 | TSF200-14 | TSF250-14 |

| | | | | | | | |
|------------------------------|--------|------------|------------|------------|------------|------------|------------|
| Auxiliary Contacts | | | | | | | |
| NO, use with OSZ4 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC, use with OSZ4 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| NO, between poles | OA4B1C | | | | | | |
| Mounting plate OA1G10/OA3G01 | OSZ4 | Not needed | Not needed | Not needed | Not needed | Not needed | Not needed |
| Module for 8 aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

| | | | | | | | |
|--|----------|----------|-----------|--|--|--|-----------|
| Blown fuse indicators (DPMM), Striker type fuse needed | | | | | | | |
| Kit 3 poles 1 contact | BFM25FP3 | | | | | | |
| Kit 3poles 3 contacts | | BFM50FP3 | BFM125FP3 | | | | |
| Kit 3poles 3NO+NC | | | | | | | BFM800DP3 |

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IEC Low Voltage Disconnect Switches

Front and Side Operated



M400D03S

400A, DIN fused, 3 poles on left side of handle



M800D03

800A, DIN fused, with 3 poles on right side of handle



M1250D03

1250A, DIN fused, with 3 poles on the right side of handle

Switch Body

Handles



HB125



HDF400



SFB135

Shafts



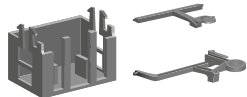
Accessories

OA1G01

OA1G10

OEA28

TSF400-14



BFM800DP3

| | | | | |
|----------------------|---------|---------|---------|-------|
| Ampere Rating | 400 | 630 | 800 | 1250 |
| Base Cat # | M400 | M630 | M800 | M1250 |
| Fuse Type | D | D | D | D |
| 3-pole Configuration | 03, 30S | 03, 30S | 03, 30S | 03 |
| Fuse Size | 0-2 | 3 | 3 | 4 |

| | | | | |
|---------------------|--------|--------|--------|---------|
| Fourth Pole | | | | |
| Fusible Fourth Pole | 4PD400 | 4PD800 | 4PD800 | 4PD1250 |

| | | | | |
|-------------------------------|---------|---------|---------|----------|
| Direct Front Operation | | | | |
| | HDF400T | HDF800T | HDF800T | HDF1250T |

| | | | | |
|--|-------|--------|--------|--------|
| External Front Operation - Pistol Style | | | | |
| NEMA Type 1, 3R, 12, IP65 | HB95 | HB145 | HB274 | HB274 |
| NEMA Type 4, 4X | HB95X | HB145X | HB274X | HB274X |
| B = Black. Substitute "R" for "B" if a red handle is desire. Ex. HR95. | | | | |

| | | | | |
|---|--------|--------|--------|--------|
| External Right-Side Operation - Pistol Style | | | | |
| NEMA Type 1, 3R, 12, IP65 | HB145S | HB145S | HB145S | HB145S |

| | | | | |
|-------------------------------------|-------|-------|-------|-------|
| Shafts | | | | |
| Shaft | SFB__ | SFB__ | SFB__ | SFB__ |
| Lengths: 280, 325, 395mm Ex. SFB280 | | | | |

| | | | | |
|-------------------------|-----------|-----------|-----------|------------|
| Terminal Shrouds | | | | |
| 3-pole | TSF400-13 | TSF800-13 | TSF800-13 | TSF1250-13 |
| 4-pole | TSF400-14 | TSF800-14 | TSF800-14 | TSF1250-14 |

| | | | | |
|----------------------------|--------|--------|--------|--------|
| Auxiliary Contacts | | | | |
| Normally open | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| Normally closed | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for 8 aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 |

| | | | | |
|---|-----------|-----------|-----------|--|
| Blown fuse indicators (DPMM), Striker type fuse needed | | | | |
| Kit 3poles 3NO+NC | BFM800DP3 | BFM800DP3 | BFM800DP3 | |

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IEC Low Voltage Disconnect Switches



M400D03S

400A, DIN fused, 3 poles on left side of handle



HR45

IEC Fused Switches - Front Operated

| Cat # | Description | Ref # | W* | Pkg |
|----------|-------------------------------|----------|------|-----|
| M25F12 | Switch.fus 25A FR10 1+2 pos. | H1043264 | 0.70 | 1 |
| M50F03 | Switch.fus 50A FR14 0+3 pos. | K1043266 | 1.3 | 1 |
| M63D03 | Switch.fus 63A 000 0+3 pos. | M1043268 | 1.3 | 1 |
| M125F03 | Switch.fus 125A FR22 0+3 pos. | P1043270 | 1.5 | 1 |
| M160D03 | Switch.fus 160A 00 0+3 pos. | R1043272 | 1.52 | 1 |
| M200D03 | Switch.fus 200A 0 0+3 pos. | T1043274 | 3.3 | 1 |
| M250D03 | Switch.fus 250A 0-1 0+3 pos. | W1043276 | 3.93 | 1 |
| M400D03 | Switch.fus 400A 0-2 0+3 pos. | Y1043278 | 7.1 | 1 |
| M630D03 | Switch.fus 630A 3 0+3 pos. | A1043280 | 13 | 1 |
| M800D03 | Switch.fus 800A 3 0+3 pos. | C1043282 | 13 | 1 |
| M1250D03 | Switch.fus 1250A 4 0+3 pos. | E1043284 | 45 | 1 |



M25F30S

25A, F fused, with 3 poles on left side of handle, side operated

IEC Fused Switches - Side Operated

| Cat # | Description | Ref # | W* | Pkg |
|----------|---------------------------------|----------|------|-----|
| M25F30S | Switch.fus 25A FR10 R side op. | J1043265 | 0.70 | 1 |
| M50F30S | Switch.fus 50A FR14 R side op. | L1043267 | 1.2 | 1 |
| M63D30S | Switch.fus 63A 000 R side op. | N1043269 | 1.2 | 1 |
| M125F30S | Switch.fus 125A FR22 R side op. | Q1043271 | 1.6 | 1 |
| M160D30S | Switch.fus 160A 00 R side op. | S1043273 | 1.6 | 1 |
| M200D30S | Switch.fus 200A 0 R side op. | V1043275 | 3.3 | 1 |
| M250D30S | Switch.fus 250A 0-1 R side op. | X1043277 | 4.15 | 1 |
| M400D30S | Switch.fus 400A 0-2 R side op. | Z1043279 | 7.18 | 1 |
| M630D30S | Switch.fus 630A 3 R side op. | B1043281 | 13.9 | 1 |
| M800D30S | Switch.fus 800A 3 R side op. | D1043283 | 13.9 | 1 |

IEC Fourth Poles

| Cat # | Description | Ref # | W* | Pkg |
|---------|--------------------------------|----------|----|-----|
| 4PD200 | Fourth Fusible pole for M200D | J1045473 | - | 1 |
| 4PD250 | Fourth Fusible pole for M250D | K1045474 | - | 1 |
| 4PD400 | Fourth Fusible pole for M400D | L1045475 | - | 1 |
| 4PD800 | Fourth Fusible pole for M800D | M1045476 | - | 1 |
| 4PD1250 | Fourth Fusible pole for M1250D | N1045477 | - | 1 |

*Weight in kg without packaging.

Handles

| Cat # | Description | Ref # | W* | Pkg |
|----------|---------------------------------|----------|-------|-----|
| HDF30 | Handle direct SF 40A max | P1043408 | 0.05 | 1 |
| HDF200 | Handle direct SF 200A | P1043385 | 0.14 | 1 |
| HDF400 | Handle direct SF 400A | Q1043386 | 0.33 | 1 |
| HDF800T | Handle dir. SF 800A butterfly | R1043387 | 1.1 | 1 |
| HDF1250T | Handle dir. SF 1250A butterfly | S1043388 | 1.5 | 1 |
| HDF250T | Handle dir. SF 250A butterfly | T1043389 | 0.16 | 1 |
| HDF400T | Handle dir. SF 400A butterfly | V1043390 | 0.34 | 1 |
| HB45 | Handle black 45mm IP65 NEMA 3R | L1043911 | 0.10 | 1 |
| HB45X | Handle black 45mm IP65 NEMA 4X | M1043912 | 0.10 | 1 |
| HB65 | Handle black 65mm IP65 NEMA 3R | W1043368 | 0.12 | 1 |
| HB65S | Handle black 65mm Right Side | A1044361 | 0.10 | 1 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 | 0.12 | 1 |
| HB80 | Handle black 80mm IP65 NEMA 3R | Y1043370 | 0.12 | 1 |
| HB80X | Handle black 80mm IP65 NEMA 4X | Z1043371 | 0.12 | 1 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 | 0.01 | 1 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 | 0.01 | 1 |
| HB125 | Handle black 125mm IP65 NEMA 3R | A1043372 | 0.16 | 1 |
| HB125X | Handle black 125mm IP65 NEMA 4X | B1043373 | 0.12 | 1 |
| HB145 | Handle black 145mm IP65 NEMA 3R | C1043374 | 0.17 | 1 |
| HB145S | Handle black 145mm Right Side | B1044362 | 0.15 | 1 |
| HB145X | Handle black 145mm IP65 NEMA 4X | D1043375 | 0.17 | 1 |
| HB274 | Handle black 274mm IP65 NEMA 3R | D1043398 | 0.515 | 1 |
| HB274X | Handle black 274mm IP65 NEMA 4X | E1043376 | 0.515 | 1 |
| HB330 | Handle black 330mm IP65 NEMA 3R | E1043399 | 0.55 | 1 |
| HB330X | Handle black 330mm IP65 NEMA 4X | F1043377 | 0.55 | 1 |
| HR45 | Handle red 45mm IP65 NEMA 3R | Q1043915 | 0.10 | 1 |
| HR45X | Handle red 45mm IP65 NEMA 4X | R1043916 | 0.10 | 1 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 | 0.120 | 1 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 | 0.12 | 1 |
| HR80 | Handle red 80mm IP65 NEMA 3R | F1043400 | 0.12 | 1 |
| HR80X | Handle red 80mm IP65 NEMA 4X | J1043380 | 0.12 | 1 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 | 0.16 | 1 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 | 0.16 | 1 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 | 0.17 | 1 |
| HR125X | Handle red 125mm IP65 NEMA 4X | L1043382 | 0.17 | 1 |
| HR145 | Handle red 145mm IP65 NEMA 3R | M1043383 | 0.2 | 1 |
| HR145X | Handle red 145mm IP65 NEMA 4X | N1043384 | 0.17 | 1 |
| HR274 | Handle red 274mm IP65 NEMA 3R | G1043401 | 0.515 | 1 |
| HR330 | Handle red 330mm IP65 NEMA 3R | H1043402 | 0.55 | 1 |

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IEC Low Voltage Disconnect Switches



SFB135



TSF250-14

Shafts

| Cat # | Description | Ref # | W* | Pkg |
|--------|-------------------------------|----------|------|-----|
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 | 0.31 | 1 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 | 0.41 | 1 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 | 0.45 | 1 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 | 0.11 | 1 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 | 0.14 | 1 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 | | 1 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 | | 1 |

Terminal shrouds

| Cat # | Description | Ref # | W* | Pkg |
|------------|-------------------------------|----------|-------|-----|
| TSF160-13 | Term.shrd 160A Swch.fus1pL /3 | V1043436 | 0.04 | 1 |
| TSF160-14 | Term.shrd 160A Swch.fus1pL /4 | W1043437 | 0.04 | 1 |
| TSF200-13 | Term.shrd 200A Swch.fus1pL /3 | J1043449 | 0.008 | 3 |
| TSF200-14 | Term.shrd 200A Swch.fus1pL /4 | V1043459 | 0.012 | 4 |
| TSF800-13 | Term.shrd 800A Swch.fus1pL /3 | K1043450 | 0.01 | 3 |
| TSF800-14 | Term.shrd 800A Swch.fus1pL /4 | W1043460 | 0.01 | 4 |
| TSF1250-13 | Ter.shrd 1250A Swch.fus1pL /3 | L1043451 | 0.01 | 3 |
| TSF1250-14 | Ter.shrd 1250A Swch.fus1pL /4 | X1043461 | 0.00 | 4 |
| TSF250-13 | Term.shrd 250A Swch.fus1pL /3 | M1043452 | 0.008 | 3 |
| TSF250-14 | Term.shrd 250A Swch.fus1pL /4 | Y1043462 | 0.012 | 4 |
| TSF400-13 | Term.shrd 400A Swch.fus1pL /3 | N1043453 | 0.008 | 3 |
| TSF400-14 | Term.shrd 400A Swch.fus1pL /4 | Z1043463 | 0.001 | 4 |



OA1G10

Other accessories

| Cat # | Description | Ref # | W* | Pkg |
|-----------|--------------------------------|----------|------|-----|
| OA1G10 | Auxiliary Contact NO | P1043477 | 0.03 | 1 |
| OA3G01 | Aux.Contact NC Switch160-2500A | R1043479 | 0.03 | 1 |
| OA4B1C | Aux.Contact 1+1 SF 40A | K1043473 | 0.03 | 1 |
| OSZ4 | Mounting plate OA1G10/OA3G01 | L1043474 | 0.06 | 1 |
| OEA28 | Module for SF aux. contacts | M1043475 | 0.04 | 1 |
| BFM25FP3 | Kit DPMM 3p 1 contact M25F | E1048896 | | 1 |
| BFM50FP3 | Kit DPMM 3P 3Cont. M50F | P1045478 | | 1 |
| BFM125FP3 | Kit DPMM 3P 3Cont. M125F | Q1045479 | | 1 |
| BFM800DP3 | Kit DPMM 3P 3NO+3NC M250-800D | R1045480 | | 1 |

*Weight in kg without packaging.

IEC Disconnect Switches - Front Operated



M163



M163DM



M633



M633DM



M100U3 - M125E3

Switch Body

| Ampere Rating | 16 | 25 | 40 | 63 | 80 | 100 | 125 |
|----------------------|--------|--------|--------|--------|--------|----------|--------|
| Base Cat # | M163 | M253 | M403 | M633 | M803 | M100U3 | M125E3 |
| Door-mounted version | M163DM | M253DM | M403DM | M633DM | M803DM | M100U3DM | |

Handles and Shafts



| Direct Front Operation Locking Handle | | | | | | | |
|---------------------------------------|------|------|------|-------|-------|-------|-------|
| | HD40 | HD40 | HD40 | HD125 | HD125 | HD125 | HD125 |

| External Front Operation | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|
| Selector Style IP65, NEMA 1, 3R, 12 | HSBX | HSBX | HSBX | HSBX | HSBX | HSBX | HSBX |
| Shaft Lengths: 85, 130, 180, 250 Ex. SA130 | SA__ | SA__ | SA__ | SA__ | SA__ | SA__ | SA__ |
| Door mounted version (no shaft required) | HSBPDM | HSBPDM | HSBPDM | HSBWDM | HSBWDM | HSBWDM | HSBWDM |
| Pistol Style IP65, NEMA 1, 3R, 12 | HB45 | HB45 | HB45 | HB45 | HB45 | HB45 | HB45 |
| NEMA Type 4, 4X | HB45X | HB45X | HB45X | HB45X | HB45X | HB45X | HB45X |
| Shaft Lengths: 210, 290 Ex. SPA210 | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ | SPA__ |

B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65

Accessories



| Fourth Poles | | | | | | | |
|---|------|------|------|------|------|-------|-------|
| Limited to one additional pole per switch | 4P40 | 4P40 | 4P40 | 4P80 | 4P80 | 4P125 | 4P125 |

| Neutral Poles | | | | | | | |
|---|------|------|------|------|------|-------|-------|
| Limited to one additional pole per switch | NP40 | NP40 | NP40 | NP80 | NP80 | NP125 | NP125 |

| Terminal Shrouds | | | | | | | |
|--|--------|--------|--------|--------|--------|---------|---------|
| 3-pole, 1 terminal shroud for 3 poles | TS40-3 | TS40-3 | TS40-3 | TS63-3 | TS63-3 | TS125-3 | TS125-3 |
| 1 to 4-poles, 1 terminal shroud per pole | TS40-1 | TS40-1 | TS40-1 | TS63-1 | TS63-1 | TS125-1 | TS125-1 |

| Auxiliary Contacts | | | | | | | |
|---------------------------------|--------|--------|--------|--------|--------|--------|--------|
| NC left or right side mounting | OA1G01 | OA1G01 | OA1G01 | OA1G01 | OA1G01 | OA1G01 | OA1G01 |
| NO left or right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NO+NC (Mounting on either side) | OA2G11 | OA2G11 | OA2G11 | OA2G11 | OA2G11 | OA2G11 | OA2G11 |

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IEC Front and Side Operated



M200E30S



M630E03

Switch Body

| | | | | | | |
|---------------|---------|---------|---------|---------|---------|---------|
| Ampere Rating | 200 | 250 | 315 | 400 | 630 | 800 |
| Base Cat # | M200E | M250E | M315E | M400E | M630E | M800E |
| 3-pole | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S | 03, 30S |

Handles and Shafts



HD250



HB65

| | | | | | | |
|---------------------------------------|-------|-------|-------|-------|-------|-------|
| Direct Front Operation Locking Handle | | | | | | |
| | HD250 | HD250 | HD400 | HD400 | HD800 | HD800 |

| | | | | | | |
|---|-----------------|-----------------|--------|--------|--------|--------|
| External Front Operation | | | | | | |
| Pistol Style NEMA 1, 3R, 12 | HB65/HB80 | HB65/HB80 | HB125 | HB125 | HB125 | HB125 |
| NEMA 4, 4X | HB65X/ HB80X | HB65X/ HB80X | HB125X | HB125X | HB125X | HB125X |
| Pistol Type, right side operation | HB65S | HB65S | HB145S | HB145S | HB145S | HB145S |
| Shaft— Lengths 210, 290, 360, 430 Ex. SPA210 Shaft— Lengths 280, 325, 395 Ex. SFB325 | SPA__ | SPA__ | SFB__ | SFB__ | SFB__ | SFB__ |

B = Black. Substitute "R" for "B" if red handle is desired. Ex. HR80.

| | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|
| Fourth Poles | | | | | | |
| | 4P250 | 4P250 | 4P400 | 4P400 | 4P800 | 4P800 |

Accessories



4P40 4P80 4P125



4P250 TS250-1



OA1G10 OA1G01 OEA28

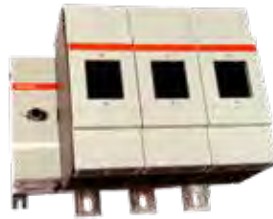
| | | | | | | |
|------------------|----------|----------|----------|----------|----------|----------|
| Terminal Shrouds | | | | | | |
| Kit for 3 poles | TS250-13 | TS250-13 | TS400-13 | TS400-13 | TS800-13 | TS800-13 |
| Kit for 4 poles | TS250-14 | TS250-14 | TS400-14 | TS400-14 | TS800-14 | TS800-14 |

Shorter terminal shrouds versions are also available if desired. Ex. TS250S-13 for switches up to 250A

| | | | | | | |
|-----------------------------|--------|--------|--------|--------|--------|--|
| Auxiliary Contacts | | | | | | |
| Normally Open | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | |
| Normally Closed | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | |

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IEC Front and Side Operated



M1250E03

Switch Body

| Ampere Rating | 1000 | 1250 | 1600 | 2000 | 2500 | 3200 | 4000 |
|---------------|--------|--------|--------|--------|--------|--------|--------|
| Base Cat # | M1000E | M1250E | M1600E | M2000E | M2500E | M3200E | M4000E |
| 3-pole | 03 | 03 | 03 | 03 | 03 | 03 | 03 |

Handles and Shafts



| Direct Front Operation Locking Handle | | | | | | | |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|
| | HD1000 | HD1000 | HD1000 | HD1000 | HD1000 | HD1000 | HD1000 |

| External Front Operation | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|
| Pistol Style NEMA 1, 3R, 12 | HB274 | HB274 | HB274 | HB274 | HB274 | HB274 | HB274 |
| NEMA 4, 4X | HB274X | HB274X | HB274X | HB274X | HB274X | HB274X | HB274X |
| Shaft— Lengths: 280, 325,395 Ex. SFB325 | SFB__ | SFB__ | SFB__ | SFB__ | SFB__ | SFB__ | SFB__ |

B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR274

Accessories



| Fourth Poles | | | | | | | |
|--------------|--------|--------|--------|--------|--------|--|--|
| | 4P1250 | 4P1250 | 4P1600 | 4P2500 | 4P2500 | | |

| Terminal Shrouds | | | | | | | |
|------------------|-----------|-----------|-----------|--|--|--|--|
| Kit for 3 poles | TS1600-13 | TS1600-13 | TS1600-13 | | | | |
| Kit for 4 poles | TS1600-14 | TS1600-14 | TS1600-14 | | | | |

| Auxiliary Contacts | | | | | | | |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|
| Normally Open | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| Normally Closed | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

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IEC Low Voltage Disconnect Switches



M100U3 - M125E3



HB65

IEC Non-Fused switches, front-operated

| Cat # | Description | Ref # |
|----------|------------------------------|----------|
| M163 | IEC UL508 Switch 16A 3p | A1043188 |
| M253 | IEC UL508 Switch 25A 3p | B1043189 |
| M403 | IEC UL508 Switch 40A 3p | C1043190 |
| M633 | IEC UL508 Switch 63A 3p | D1043191 |
| M803 | IEC UL508 Switch 80A 3p | E1043192 |
| M100U3 | IEC UL98 Switch 100A 3p | F1043193 |
| M125E3 | IEC Switch 125A 3p | G1043194 |
| M163DM | IEC UL508 Switch 16A 3p DM | E1043169 |
| M253DM | IEC UL508 Switch 25A 3p DM | F1043170 |
| M403DM | IEC UL508 Switch 40A 3p DM | K1043174 |
| M633DM | IEC UL508 Switch 63A 3p DM | M1043176 |
| M803DM | IEC UL508 Switch 80A 3p DM | N1043177 |
| M100U3DM | IEC UL98 Switch 100A 3p DM | P1043178 |
| M200E03 | IEC Switch 200A 3p 0+3 pos. | H1043195 |
| M250E03 | IEC Switch 250A 3p 0+3 pos. | K1043197 |
| M315E03 | IEC Switch 315A 3p 0+3 pos. | M1043199 |
| M400E03 | IEC Switch 400A 3p 0+3 pos. | P1043201 |
| M630E03 | IEC Switch 630A 3p 0+3 pos. | R1043203 |
| M800E03 | IEC Switch 800A 3p 0+3 pos. | T1043205 |
| M1000E03 | IEC Switch 1000A 3p 0+3 pos. | W1043207 |
| M1250E03 | IEC Switch 1250A 3p 0+3 pos. | X1043208 |
| M1600E03 | IEC Switch 1600A 3p 0+3 pos. | Y1043209 |
| M2000E03 | IEC Switch 2000A 3p 0+3 pos. | Z1043210 |
| M2500E03 | IEC Switch 2500A 3p 0+3 pos. | A1043211 |
| M3200E03 | IEC Switch 3200A 3p 0+3 pos. | B1043212 |
| M4000E03 | IEC Switch 4000A 3p 0+3 pos. | C1043213 |

IEC Non-Fused switches, side-operated

| Cat # | Description | Ref # |
|----------|-------------------------------|----------|
| M200E30S | IEC Switch 200A 3p R side op. | J1043196 |
| M250E30S | IEC Switch 250A 3p R side op. | L1043198 |
| M315E30S | IEC Switch 315A 3p R side op. | N1043200 |
| M400E30S | IEC Switch 400A 3p R side op. | Q1043202 |
| M630E30S | IEC Switch 630A 3p R side op. | S1043204 |
| M800E30S | IEC Switch 800A 3p R side op. | V1043206 |

Handles

| Cat # | Description | Ref # |
|--------|---------------------------------|----------|
| HD40 | Handle direct Switch 40A | L1043405 |
| HSBX | Handle selector black | M1043406 |
| HSRX | Handle selector red | N1043407 |
| HB45 | Handle black 45mm IP65 NEMA 3R | L1043911 |
| HB45X | Handle black 45mm IP65 NEMA 4X | M1043912 |
| HR45 | Handle red 45mm IP65 NEMA 3R | Q1043915 |
| HR45X | Handle red 45mm IP65 NEMA 4X | R1043916 |
| HD125 | Handle direct Switch 125A | K1043404 |
| HD250 | Handle direct Switch 250A | W1043391 |
| HD400 | Handle direct Switch 400A | X1043392 |
| HD800 | Handle direct Switch 800A | Y1043393 |
| HD1000 | Handle direct Switch 1000A | J1043403 |
| HB65 | Handle black 65mm IP65 NEMA 3R | W1043368 |
| HB65S | Handle black 65mm Right Side | A1044361 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 |
| HB80 | Handle black 80mm IP65 NEMA 3R | Y1043370 |
| HB80X | Handle black 80mm IP65 NEMA 4X | Z1043371 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 |
| HB125 | Handle black 125mm IP65 NEMA 3R | A1043372 |
| HB125X | Handle black 125mm IP65 NEMA 4X | B1043373 |
| HB145 | Handle black 145mm IP65 NEMA 3R | C1043374 |
| HB145S | Handle black 145mm Right Side | B1044362 |
| HB145X | Handle black 145mm IP65 NEMA 4X | D1043375 |
| HB274 | Handle black 274mm IP65 NEMA 3R | D1043398 |
| HB274X | Handle black 274mm IP65 NEMA 4X | E1043376 |
| HB330 | Handle black 330mm IP65 NEMA 3R | E1043399 |
| HB330X | Handle black 330mm IP65 NEMA 4X | F1043377 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 |
| HR80 | Handle red 80mm IP65 NEMA 3R | F1043400 |
| HR80X | Handle red 80mm IP65 NEMA 4X | J1043380 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 |
| HR125X | Handle red 125mm IP65 NEMA 4X | L1043382 |
| HR145 | Handle red 145mm IP65 NEMA 3R | M1043383 |
| HR145X | Handle red 145mm IP65 NEMA 4X | N1043384 |
| HR274 | Handle red 274mm IP65 NEMA 3R | G1043401 |
| HR330 | Handle red 330mm IP65 NEMA 3R | H1043402 |
| HSBPDM | Handle Select black snap door | X1044358 |
| HSBWDM | Handle Select black screw door | Y1044359 |
| HSRPDM | Handle Select red snap door | E1047792 |
| HSRWDM | Handle Select red screw door | D1047791 |

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IEC Low Voltage Disconnect Switches

Shafts

| Cat # | Description | Ref # |
|--------|--------------------------------|----------|
| SA85 | Shaft selector handle 6x6x85mm | J1043426 |
| SA105 | Shaft select. handle 6x6x105mm | K1043427 |
| SA120 | Shaft select. handle 6x6x120mm | L1043428 |
| SA130 | Shaft select. handle 6x6x130mm | M1043429 |
| SA180 | Shaft select. handle 6x6x180mm | N1043430 |
| SA250 | Shaft pistol handle 6x6x250mm | R1043433 |
| SPA130 | Shaft pistol handle 6x6x130mm | V1043919 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 |
| SFB185 | Shaft SwitchFuse 12x12x185mm | F1048897 |
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 |

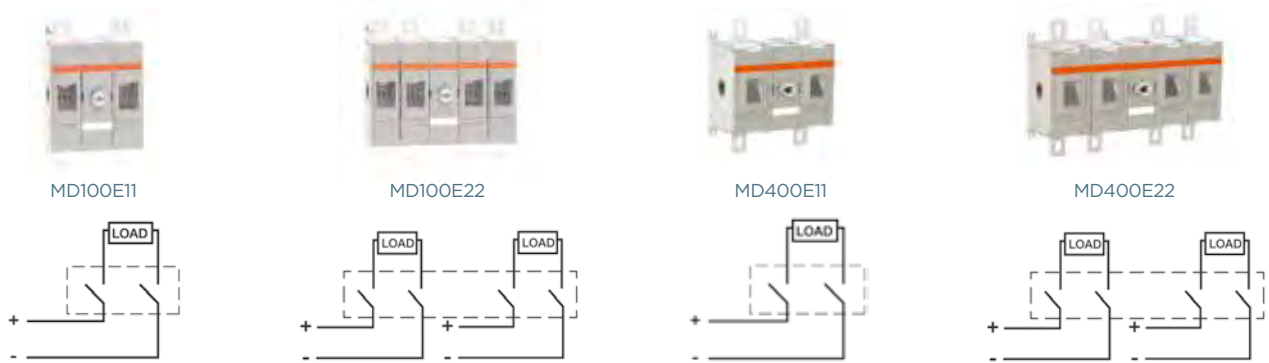
Terminal Shrouds

| Cat # | Description | Ref # |
|-----------|--------------------------------|----------|
| TS40-1 | Term.shrd 40A switch 1p S | B1043442 |
| TS40-3 | Term.shrd 40A switch 3p L | C1043443 |
| TS63-1 | Term.shrd 63A switch 1p S | D1043444 |
| TS63-3 | Term.shrd 63A switch 3p L | E1043445 |
| TS125-1 | Term.shrd 125A switch 1p S | F1043446 |
| TS125-3 | Term.shrd 25A switch 3p L | G1043447 |
| TS250-13 | Term.shrd 250A switch 1p L /3 | P1043454 |
| TS250-14 | Term.shrd 250A switch 1p L /4 | A1043464 |
| TS400-13 | Term.shrd 400A switch 1p L /3 | Q1043455 |
| TS400-14 | Term.shrd 400A switch 1p L /4 | B1043465 |
| TS800-13 | Term.shrd 800A switch 1p L /3 | R1043456 |
| TS800-14 | Term.shrd 800A switch 1p L /4 | C1043466 |
| TS1600-13 | Term.shrd 1600A switch 1p L /3 | S1043457 |
| TS1600-14 | Term.shrd 1600A switch 1p L /4 | D1043467 |
| TS2500-13 | Term.shrd 2500A switch 1p L /3 | T1043458 |
| TS2500-14 | Term.shrd 2500A switch 1p L /4 | E1043468 |
| TS250S-13 | KIT 3 Term.shrd M250 1p S | P1048905 |
| TS250S-14 | KIT 4 Term.shrd M250 1p S | Q1048906 |
| TS400S-13 | KIT 3 Term.shrd M400 1p S | R1048907 |
| TS400S-14 | KIT 4 Term.shrd M400 1p S | S1048908 |
| TS800S-13 | KIT 3 Term.shrd M800 1p S | T1048909 |
| TS800S-14 | KIT 4 Term.shrd M800 1p S | V1048910 |

Other Accessories

| Cat # | Description | Ref # |
|--------|-----------------------------------|----------|
| OA1G01 | Auxiliary Contact NC Right | N1043476 |
| OA1G10 | Auxiliary Contact NO left | P1043477 |
| OA2G11 | Aux. Contact NO+NC Switch 125A | Q1043478 |
| 4P60 | Fourth pole for M60 NF switches | T1043481 |
| 4P80 | Fourth pole for M80 NF switches | V1043482 |
| 4P125 | Fourth pole for M125 switches | W1043483 |
| NP40 | Neutral pole for M40 NF switches | X1043484 |
| NP80 | Neutral pole for M80 NF switches | Y1043485 |
| NP125 | Neutral pole for M125 switches | Z1043486 |
| OA1G01 | Auxiliary Contact NO Right | N1043476 |
| OA1G10 | Auxiliary Contact NC left | P1043477 |
| OA2G11 | Aux. Contact NO+NC Switch 125A | Q1043478 |
| OA3G01 | Aux.Contact NC Switch160-2500A | R1043479 |
| OA4B1C | Aux.Contact 1+1 SF 40A | K1043473 |
| OSZ4 | Mounting plate OA1G10/OA3G01 | L1043474 |
| OEA28 | Module for SF aux. contacts | M1043475 |
| 4P125 | Fourth pole for M125 NF switches | W1043483 |
| 4P250 | Fourth pole for M250 NF switches | A1043487 |
| 4P400 | Fourth pole for M400 NF switches | B1043488 |
| 4P800 | Fourth pole for M800 NF switches | C1043489 |
| 4P1250 | Fourth pole for M1250 NF switches | D1043490 |
| 4P1600 | Fourth pole for M1600 NF switches | E1043491 |
| 4P2500 | Fourth pole for M2500 NF switches | F1043492 |

IEC-Rated DC Switches

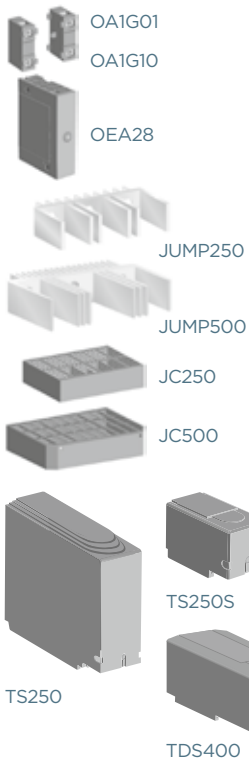


Switch Body

Handles and Shafts



Accessories



| Ampere Rating | 100 | 160 | 200 | 250 | 315 | 400 | 500 |
|------------------------|----------|----------|----------|-----------|-----------|-----------|----------|
| 2-pole Configuration | MD100E11 | MD160E11 | MD200E11 | MD250E11 | MD315E11 | MD400E11 | MD500E11 |
| 2x2-pole Configuration | MD100E22 | MD160E22 | MD200E22 | MD250E22 | MD315E22 | MD400E22 | MD500E22 |
| 3-pole Configuration | | | | MD315EV33 | MD400EV33 | MD500EV33 | |

| Direct Front Operation | | | | | | | |
|------------------------|--------|--------|--------|--------|--------|--------|--------|
| | HDD250 | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 | HDD400 |

| External Pistol Style | | | | | | | |
|--|-------|-------|-------|-------|--------|--------|--------|
| NEMA Type 1, 3R, 12 | HB65 | HB65 | HB65 | HB65 | HB125 | HB125 | HB125 |
| NEMA Type 4, 4X | HB65X | HP65X | HB65X | HB65X | HB125X | HB125X | HB125X |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65 | | | | | | | |

| Shafts | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|
| | SPA__ | SPA__ | SPA__ | SPA__ | SFB__ | SFB__ | SFB__ |
| SPA Lengths: 130, 210, 290, 360, 430 Ex. SPA130. SFB Lengths: 280, 325, 395 Ex. SFB280 | | | | | | | |

| Terminal Shrouds | | | | | | | |
|--|----------|----------|----------|----------|--------|--------|--------|
| Kit of 4 Terminal Shrouds | TS250-14 | TS250-14 | TS250-14 | TS250-14 | | | |
| 1 Terminal Shroud | | | | | TDS400 | TDS400 | TDS400 |
| A shorter version is available for DC switches up to 250A, 4 pieces per package: TS250S-14 | | | | | | | |

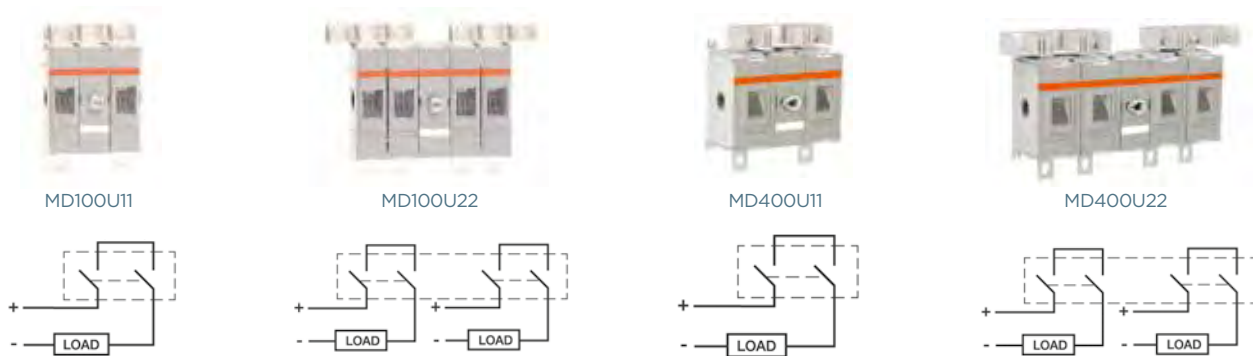
| Auxiliary Contacts | | | | | | | |
|-----------------------------|--------|--------|--------|--------|--------|--------|--------|
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |

| Short Circuit Link | | | | | | | |
|--------------------|---------|---------|---------|---------|---------|---------|---------|
| | JUMP250 | JUMP250 | JUMP250 | JUMP250 | JUMP500 | JUMP500 | JUMP500 |

| Terminal Shroud for Short Circuit Link | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|
| | JC250 | JC250 | JC250 | JC250 | JC500 | JC500 | JC500 |

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UL98B Listed DC Switches

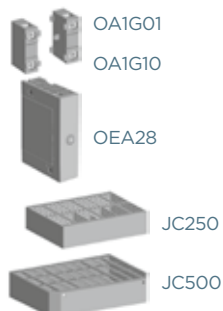


Switch Body

Handles and Shafts



Accessories



| Ampere Rating | 100 | 200 | 250 | 320 | 400 |
|--|----------|----------|----------|----------|----------|
| 2-pole Configuration | MD100U11 | MD200U11 | MD250U11 | MD320U11 | MD400U11 |
| 2x2-pole Configuration | MD100U22 | MD180U22 | MD180U22 | MD320U22 | MD400U22 |
| Direct Front Operation | | | | | |
| | HDD250 | HDD250 | HDD250 | HDD400 | HDD400 |
| External Pistol Style | | | | | |
| NEMA Type 1, 3R, 12 | HB65 | HB80 | HB125 | HB125 | HB125 |
| NEMA Type 4, 4X | HB65X | HP80X | HB125X | HB125X | HB125X |
| B=Black. Substitute 'R' for 'B' if a red handle is desired. Ex. HR65 | | | | | |
| Shafts | | | | | |
| | SPA__ | SPA__ | SFB__ | SFB__ | SFB__ |
| SPA Lengths: 130, 210, 290, 360, 430 Ex. SPA130. SFB Lengths: 280, 325, 395 Ex. SFB280 | | | | | |
| Auxiliary Contacts | | | | | |
| NO Right side mounting | OA1G10 | OA1G10 | OA1G10 | OA1G10 | OA1G10 |
| NC left side mounting | OA3G01 | OA3G01 | OA3G01 | OA3G01 | OA3G01 |
| Module for SF aux. contacts | OEA28 | OEA28 | OEA28 | OEA28 | OEA28 |
| Terminal Shroud for Short Circuit Link | | | | | |
| | JC250 | JC250 | JC500 | JC500 | JC500 |

IEC DC-rated Non-Fused switches

| Cat # | Description | Ref # |
|-----------|-------------------------------|----------|
| MD100E11 | DC Switch 100A IEC 1000V 2p | G1043217 |
| MD160E11 | DC Switch 160A IEC 1000V 2p | H1043218 |
| MD200E11 | DC Switch 200A IEC 1000V 2p | J1043219 |
| MD250E11 | DC Switch 250A IEC 1000V 2p | K1043220 |
| MD100E22 | DC Switch 100A IEC 2x1000V 4p | L1043221 |
| MD160E22 | DC Switch 160A IEC 2x1000V 4p | M1043222 |
| MD200E22 | DC Switch 200A IEC 2x1000V 4p | N1043223 |
| MD250E22 | DC Switch 250A IEC 2x1000V 4p | P1043224 |
| MD315E11 | DC Switch 315A IEC 1000V 2p | Q1043225 |
| MD400E11 | DC Switch 400A IEC 1000V 2p | R1043226 |
| MD500E11 | DC Switch 500A IEC 1000V 2p | S1043227 |
| MD315E22 | DC Switch 315A IEC 2x1000V 4p | T1043228 |
| MD400E22 | DC Switch 400A IEC 2x1000V 4p | V1043229 |
| MD500E22 | DC Switch 500A IEC 2x1000V 4p | W1043230 |
| MD315EV12 | DC Switch 315A IEC 1500V 3p | C1050918 |
| MD400EV12 | DC Switch 400A IEC 1500V 3p | D1050919 |
| MD500EV12 | DC Switch 500A IEC 1500V 3p | E1050920 |
| MD315EV33 | DC Switch 315A IEC 2x1500V 6p | F1050921 |
| MD400EV33 | DC Switch 400A IEC 2x1500V 6p | G1050922 |
| MD500EV33 | DC Switch 500A IEC 2x1500V 6p | J1050924 |

UL 98B DC-rated Non-Fused switches

| Cat # | Description | Ref # |
|----------|----------------------|----------|
| MD100U11 | DC Switch 100A UL 2p | X1043231 |
| MD180U22 | DC Switch 180A UL 4p | Y1043232 |
| MD200U11 | DC Switch 200A UL 2p | Z1043233 |
| MD250U11 | DC Switch 250A UL 2p | A1043234 |
| MD250U22 | DC Switch 250A UL 4p | B1043235 |
| MD320U11 | DC Switch 320A UL 2p | C1043236 |
| MD320U22 | DC Switch 320A UL 4p | D1043237 |
| MD400U11 | DC Switch 400A UL 2p | E1043238 |
| MD400U22 | DC Switch 400A UL 4p | F1043239 |

Jumpers

| Cat # | Description | Ref # |
|---------|--------------------------------|----------|
| JUMP250 | Jumper bar for 250A DC switch. | F1043469 |
| JUMP500 | Jumper bar for 500A DC switch. | G1043470 |
| JC250 | Jumper cover for JUMP250 | H1043471 |
| JC500 | Jumper cover for JUMP500 | J1043472 |

Handles

| Cat # | Description | Ref # |
|--------|---------------------------------|----------|
| HB65 | Handle black65mm IP65 NEMA 3R | W1043368 |
| HB65X | Handle black 65mm IP65 NEMA 4X | X1043369 |
| HB95 | Handle black 95mm IP65 NEMA 3R | N1043913 |
| HB95X | Handle black 95mm IP65 NEMA 4X | P1043914 |
| HB125 | Handle black 125mm IP65 NEMA 3R | A1043372 |
| HB125X | Handle black 125mm IP65 NEMA 4X | B1043373 |
| HB145 | Handle black145mm IP65 NEMA 3R | C1043374 |
| HDD250 | Handle direct MD100-250 | G1047794 |
| HDD400 | Handle direct MD315-500 | H1047795 |
| HR65 | Handle red 65mm IP65 NEMA 3R | G1043378 |
| HR65X | Handle red 65mm IP65 NEMA 4X | H1043379 |
| HR95 | Handle red 95mm IP65 NEMA 3R | S1043917 |
| HR95X | Handle red 95mm IP65 NEMA 4X | T1043918 |
| HR125 | Handle red 125mm IP65 NEMA 3R | K1043381 |
| HR125X | Handle red125mm IP65 NEMA 4X | L1043382 |
| HR145 | Handle red 145mm IP65 NEMA 3R | M1043383 |

Shafts

| Cat # | Description | Ref # |
|--------|-------------------------------|----------|
| SFB280 | Shaft SwitchFuse 12x12x280mm | F1043423 |
| SFB325 | Shaft SwitchFuse 12x12x325mm | G1043424 |
| SFB395 | Shaft SwitchFuse 12x12x395mm | H1043425 |
| SPA130 | Shaft pistol handle 6x6x130mm | V1043919 |
| SPA210 | Shaft pistol handle 6x6x210mm | P1043431 |
| SPA290 | Shaft pistol handle 6x6x290mm | Q1043432 |
| SPA360 | Shaft pistol handle 6x6x360mm | W1043920 |
| SPA430 | Shaft pistol handle 6x6x430mm | X1043921 |

Terminal Shrouds

| Cat # | Description | Ref # |
|----------|------------------------------|----------|
| TS250-14 | Term.shrd 250A switch 1p L/4 | A1043464 |
| TDS400 | Term.shrd MD250-500 1p L/1 | A1045534 |

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HIGH VOLTAGE FUSE SYSTEM





DIN HV BACK-UP FUSES FOR TRANSFORMERS **246 - 254**

Limator®- P Back-up Fuses246
Limator®- PT Back-up Fuses.....249
Limator®- PTD Back-up Fuses250
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NF/UTE HV BACK-UP FUSES FOR TRANSFORMERS **255 - 256**

Limator® - NF/UTE Back-up Fuses255

IEC HV FUSES FOR POTENTIAL TRANSFORMERS **257**

Potential Transformer fuses.....257

DIN HV BACK-UP FUSES FOR MOTORS **258 - 259**

Limator® - aSJB/D Back-up Fuses258



Limitor®- P Back-up Fuses
without Controlled Power Dissipation

PRODUCT RANGE



Limitor- P, Rated voltage 3 / 7,2 kV

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I _b | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø56mm, length 192mm | | | | | | | | | |
| 45DB72V2P | N1000098 | 2 A | 0.6 kA ² s | 63 kA | 15 A | 290 mΩ | 1.8 W | 1 | 1.2 kg |
| 45DB72V4P | P1000099 | 4 A | 0.8 kA ² s | 63 kA | 20 A | 270 mΩ | 5 W | 1 | 1.2 kg |
| Ø65mm, length 192mm | | | | | | | | | |
| 45DB72V63P | B209301 | 63 A | 41.2 kA ² s | 63 kA | 220 A | 8.75 mΩ | 60 W | 1 | 1.5 kg |
| 45DB72V80P | C209302 | 80 A | 84 kA ² s | 63 kA | 300 A | 6.25 mΩ | 85 W | 1 | 1.5 kg |
| 45DB72V100P | D209303 | 100 A | 93.6 kA ² s | 63 kA | 350 A | 5 mΩ | 96 W | 1 | 1.5 kg |
| Ø88mm, length 192mm | | | | | | | | | |
| 45DB72V160P | R1000101 | 160 A | 500 kA ² s | 63 kA | 435 A | 3 mΩ | 75 W | 1 | 2.6 kg |
| 45DB72V200P | S1000102 | 200 A | 654 kA ² s | 63 kA | 610 A | 2.5 mΩ | 200 W | 1 | 2.9 kg |

Limitor- P, Rated voltage 6 /12 kV

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I _b | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø56mm, length 292mm | | | | | | | | | |
| 45DB120V1P | T1000103 | 1 A | 0.2 kA ² s | 63 kA | 14 A | 1500 mΩ | 1.6 W | 1 | 1.7 kg |
| 45DB120V2P | V1000104 | 2 A | 0.4 kA ² s | 63 kA | 16 A | 510 mΩ | 2 W | 1 | 1.7 kg |
| 45DB120V4P | W1000105 | 4 A | 0.7 kA ² s | 63 kA | 22 A | 338 mΩ | 6 W | 1 | 1.7 kg |
| 45DB120V6,3P | F209305 | 6.3 A | 1 kA ² s | 63 kA | 30 A | 190 mΩ | 8 W | 1 | 1.7 kg |
| 45DB120V10P | G209306 | 10 A | 1.5 kA ² s | 63 kA | 42 A | 139 mΩ | 16 W | 1 | 1.7 kg |
| 45DB120V16P | H209307 | 16 A | 2 kA ² s | 63 kA | 54 A | 107 mΩ | 38 W | 1 | 1.7 kg |
| 45DB120V20P | J209308 | 20 A | 4 kA ² s | 63 kA | 73 A | 71 mΩ | 38 W | 1 | 1.7 kg |
| 45DB120V25P | K209309 | 25 A | 6 kA ² s | 63 kA | 93 A | 52 mΩ | 46 W | 1 | 1.7 kg |
| 45DB120V32P | L209310 | 31.5 A | 10 kA ² s | 63 kA | 105 A | 43 mΩ | 65 W | 1 | 1.7 kg |
| 45DB120V40P | M209311 | 40 A | 30 kA ² s | 63 kA | 125 A | 22.5 mΩ | 54 W | 1 | 1.7 kg |
| 45DB120V50P | N209312 | 50 A | 50 kA ² s | 63 kA | 160 A | 18 mΩ | 70 W | 1 | 1.7 kg |
| 45DB120V63P | P209313 | 63 A | 100 kA ² s | 63 kA | 230 A | 12 mΩ | 85 W | 1 | 1.7 kg |
| Ø65mm, length 292mm | | | | | | | | | |
| 45DB120V80P | Q209314 | 80 A | 150 kA ² s | 63 kA | 350 A | 10.6 mΩ | 114 W | 1 | 2.1 kg |
| Ø78mm, length 292mm | | | | | | | | | |
| 45DB120V100P | R209315 | 100 A | 200 kA ² s | 63 kA | 500 A | 8.5 mΩ | 156 W | 1 | 3.1 kg |
| Ø88mm, length 292mm | | | | | | | | | |
| 45DB120V125P | X1000106 | 125 A | 440 kA ² s | 63 kA | 480 A | 4 mΩ | 117 W | 1 | 3.7 kg |
| 45DB120V160P | Y1000107 | 160 A | 500 kA ² s | 63 kA | 560 A | 4 mΩ | 217 W | 1 | 3.7 kg |
| 45DB120V200P | Z1000108 | 200 A | 654 kA ² s | 63 kA | 610 A | 3.5 mΩ | 333 W | 1 | 3.7 kg |
| 45DB120V250P | Y1014919 | 250 A | - | 63 kA | 740 A | 3.7 mΩ | 335 W | 1 | 3.7 kg |
| Ø63mm, length 442mm | | | | | | | | | |
| 45DB120V10P-3 | G1006095 | 10 A | 1.5 kA ² s | 31.5 kA | 45 A | 133.6 mΩ | 15 W | 1 | 2.3 kg |
| 45DB120V40P-3 | L1006099 | 40 A | 12 kA ² s | 31.5 kA | 160 A | 27 mΩ | 57 W | 1 | 2.3 kg |
| 45DB120V63P-3 | N1006101 | 63 A | 42 kA ² s | 31.5 kA | 252 A | 14.2 mΩ | 78 W | 1 | 2.3 kg |
| Ø88mm, length 442mm | | | | | | | | | |
| 45DB120V80P-3 | P1006102 | 80 A | 120 kA ² s | 31.5 kA | 320 A | 9.4 mΩ | 83 W | 1 | 2.3 kg |
| 45DB120V100P-3 | Q1006103 | 100 A | 220 kA ² s | 31.5 kA | 400 A | 6.55 mΩ | 91 W | 1 | 3.2 kg |
| 45DB120V125P-3 | R1006104 | 125 A | 450 kA ² s | 31.5 kA | 500 A | 5.46 mΩ | 130 W | 1 | 4.2 kg |
| 45DB120V160P-3 | S1006105 | 160 A | 530 kA ² s | 31.5 kA | 640 A | 4.07 mΩ | 170 W | 1 | 4.2 kg |

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Limitor®- P Back-up Fuses
without Controlled Power Dissipation

PRODUCT RANGE



45DB175V6,3P

Limitor- P, Rated voltage 10 / 17,5

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I ₁ | Minimum breaking current I ₃ = I _{min} | Cold resistance R ₂₀ (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|--|----------------------------------|--|--|-------------------------------------|---------|--------|
| Ø56mm, length 367mm | | | | | | | | | |
| 45DB175V6,3P | V1000564 | 6.3 A | 1 kA ² s | 63 kA | 30 A | 245 mΩ | 11 W | 1 | 2.2 kg |
| 45DB175V10P | W1000565 | 10 A | 1.5 kA ² s | 63 kA | 43 A | 180 mΩ | 22 W | 1 | 2.2 kg |
| 45DB175V16P | X1000566 | 16 A | 2 kA ² s | 63 kA | 54 A | 150 mΩ | 53 W | 1 | 2.2 kg |
| 45DB175V20P | Y1000567 | 20 A | 4 kA ² s | 63 kA | 73 A | 102 mΩ | 56 W | 1 | 2.2 kg |
| 45DB175V25P | Z1000568 | 25 A | 6 kA ² s | 63 kA | 93 A | 78 mΩ | 73 W | 1 | 2.2 kg |
| 45DB175V32P | A1000569 | 31.5 A | 10 kA ² s | 63 kA | 105 A | 59 mΩ | 95 W | 1 | 2.2 kg |
| 45DB175V40P | B1000570 | 40 A | 30 kA ² s | 63 kA | 125 A | 33.8 mΩ | 79 W | 1 | 2.2 kg |
| 45DB175V50P | C1000571 | 50 A | 50 kA ² s | 63 kA | 205 A | 26 mΩ | 106 W | 1 | 2.2 kg |
| 45DB175V63P | D1000572 | 63 A | 100 kA ² s | 63 kA | 280 A | 18.4 mΩ | 130 W | 1 | 2.2 kg |
| Ø65mm, length 367mm | | | | | | | | | |
| 45DB175V80P | E1000573 | 80 A | 150 kA ² s | 63 kA | 350 A | 15 mΩ | 180 W | 1 | 2.6 kg |
| Ø78mm, length 367mm | | | | | | | | | |
| 45DB175V100P | F1000574 | 100 A | 200 kA ² s | 63 kA | 500 A | 13 mΩ | 280 W | 1 | 3.1 kg |



45DB240V125P

Limitor- P, Rated voltage 10 / 24 kV

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I ₁ | Minimum breaking current I ₃ = I _{min} | Cold resistance R ₂₀ (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|--|----------------------------------|--|--|-------------------------------------|---------|--------|
| Ø56mm, length 442mm | | | | | | | | | |
| 45DB240V1P | A1000109 | 1 A | 0.2 kA ² s | 63 kA | 14 A | 2170 mΩ | 2.2 W | 1 | 2.3 kg |
| 45DB240V2P | B1000110 | 2 A | 0.4 kA ² s | 63 kA | 16 A | 800 mΩ | 3.4 W | 1 | 2.3 kg |
| 45DB240V4P | C1000111 | 4 A | 0.7 kA ² s | 63 kA | 23 A | 545 mΩ | 10 W | 1 | 2.3 kg |
| 45DB240V6,3P | S209339 | 6.3 A | 1 kA ² s | 63 kA | 30 A | 297 mΩ | 13 W | 1 | 2.3 kg |
| 45DB240V10P | T209340 | 10 A | 1.5 kA ² s | 63 kA | 43 A | 220 mΩ | 26 W | 1 | 2.3 kg |
| 45DB240V16P | V209341 | 16 A | 2 kA ² s | 63 kA | 60 A | 197 mΩ | 73 W | 1 | 2.3 kg |
| 45DB240V20P | W209342 | 20 A | 4 kA ² s | 63 kA | 76 A | 132 mΩ | 76 W | 1 | 2.3 kg |
| 45DB240V25P | X209343 | 25 A | 6 kA ² s | 63 kA | 93 A | 96 mΩ | 89 W | 1 | 2.3 kg |
| 45DB240V32P | Y209344 | 31.5 A | 10 kA ² s | 63 kA | 105 A | 78 mΩ | 127 W | 1 | 2.3 kg |
| 45DB240V40P | Z209345 | 40 A | 30 kA ² s | 63 kA | 130 A | 45 mΩ | 114 W | 1 | 2.3 kg |
| 45DB240V50P | A209346 | 50 A | 50 kA ² s | 63 kA | 205 A | 35 mΩ | 147 W | 1 | 2.3 kg |
| 45DB240V63P | B209347 | 63 A | 100 kA ² s | 63 kA | 280 A | 24 mΩ | 170 W | 1 | 2.3 kg |
| Ø65mm, length 442mm | | | | | | | | | |
| 45DB240V80P | C209348 | 80 A | 150 kA ² s | 63 kA | 360 A | 20 mΩ | 233 W | 1 | 3.1 kg |
| Ø78mm, length 442mm | | | | | | | | | |
| 45DB240V100P | D209349 | 100 A | 200 kA ² s | 63 kA | 430 A | 18 mΩ | 400 W | 1 | 4.2 kg |
| Ø88mm, length 442mm | | | | | | | | | |
| 45DB240V125P | D1000112 | 125 A | 350 kA ² s | 40 kA | 760 A | 11.7 mΩ | 340 W | 1 | 4.3 kg |
| 45DB240V160P | E1000113 | 160 A | 500 kA ² s | 31.5 kA | 900 A | 9.45 mΩ | 515 W | 1 | 4.3 kg |
| 45DB240V200P | F1000114 | 200 A | 730 kA ² s | 31.5 kA | 1050 A | 7 mΩ | 740 W | 1 | 4.3 kg |
| Ø88mm, length 537mm | | | | | | | | | |
| 45DB240V80P-4 | B1008551 | 80 A | 120 kA ² s | 25 kA | 360 A | 17.5 mΩ | 185 W | 1 | 6.7 kg |
| 45DB240V100P-4 | C1008552 | 100 A | 220 kA ² s | 25 kA | 450 A | 13.1 mΩ | 234 W | 1 | 6.7 kg |

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Limitor®- P Back-up Fuses
without Controlled Power Dissipation

PRODUCT RANGE

Limitor-P, Rated voltage 20 / 36kV

| Catalog number | Item number | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Breaking capacity I _b | Minimum breaking current I ₃ = I _{min} | Cold resistance R ₂₀ (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|-----------------------------|--|----------------------------------|--|--|-------------------------------------|---------|--------|
| Ø56mm, length 537mm | | | | | | | | | | |
| 45DB360V2P | G1000115 | 2 A | - | 0.6 kA ² s | 31.5 kA | 15 A | 950 mΩ | 9 W | 1 | 2.7 kg |
| 45DB360V4P | H1000116 | 4 A | - | 0.8 kA ² s | 31.5 kA | 20 A | 900 mΩ | 32 W | 1 | 2.7 kg |

Limitor®- PT Back-up Fuses
with Controlled Power Dissipation

PRODUCT RANGE

Limitor- PT, Rated voltage 6 / 12 kV



45DB120V1PT



45DB120V125PT

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I _b | Minimum breaking current I ₃ = I _{min} | Cold resistance R ₂₀ (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|--|----------------------------------|--|--|-------------------------------------|---------|--------|
| Ø56mm, length 292mm | | | | | | | | | |
| 45DB120V1PT | L1000119 | 1 A | 0.09 kA ² s | 63 kA | 14 A | 1500 mΩ | 1.6 W | 1 | 1.6 kg |
| 45DB120V2PT | M1000120 | 2 A | 0.28 kA ² s | 63 kA | 16 A | 510 mΩ | 2 W | 1 | 1.6 kg |
| 45DB120V4PT | N1000121 | 4 A | 0.5 kA ² s | 63 kA | 22 A | 338 mΩ | 6 W | 1 | 1.6 kg |
| 45DB120V6,3PT | P1000122 | 6.3 A | 0.6 kA ² s | 63 kA | 30 A | 190 mΩ | 8 W | 1 | 1.6 kg |
| 45DB120V10PT | Q1000123 | 10 A | 1.15 kA ² s | 63 kA | 42 A | 139 mΩ | 16 W | 1 | 1.6 kg |
| 45DB120V16PT | R1000124 | 16 A | 1.29 kA ² s | 63 kA | 54 A | 107 mΩ | 38 W | 1 | 1.6 kg |
| 45DB120V20PT | S1000125 | 20 A | 3.2 kA ² s | 63 kA | 73 A | 71 mΩ | 38 W | 1 | 1.6 kg |
| 45DB120V25PT | T1000126 | 25 A | 5.2 kA ² s | 63 kA | 93 A | 52 mΩ | 46 W | 1 | 1.6 kg |
| 45DB120V32PT | V1000127 | 31.5 A | 7.2 kA ² s | 63 kA | 105 A | 43 mΩ | 65 W | 1 | 1.6 kg |
| 45DB120V40PT | W1000128 | 40 A | 23.3 kA ² s | 63 kA | 125 A | 23 mΩ | 54 W | 1 | 1.6 kg |
| 45DB120V50PT | X1000129 | 50 A | 34.9 kA ² s | 63 kA | 160 A | 18 mΩ | 70 W | 1 | 1.6 kg |
| 45DB120V63PT | Y1000130 | 63 A | 58.3 kA ² s | 63 kA | 230 A | 12 mΩ | 85 W | 1 | 1.6 kg |
| Ø65mm, length 292mm | | | | | | | | | |
| 45DB120V80PT | Z1000131 | 80 A | 90 kA ² s | 63 kA | 350 A | 10.6 mΩ | 114 W | 1 | 2.2 kg |
| Ø78mm, length 292mm | | | | | | | | | |
| 45DB120V100PT | A1000132 | 100 A | 140 kA ² s | 63 kA | 500 A | 8.5 mΩ | 156 W | 1 | 2.2 kg |
| Ø88mm, length 292mm | | | | | | | | | |
| 45DB120V125PT | B1000133 | 125 A | 440 kA ² s | 63 kA | 480 A | 4 mΩ | 117 W | 1 | 3.8 kg |
| 45DB120V160PT | C1000134 | 160 A | 500 kA ² s | 63 kA | 560 A | 4.3 mΩ | 217 W | 1 | 3.8 kg |
| 45DB120V200PT | D1000135 | 200 A | 654 kA ² s | 63 kA | 610 A | 3.8 mΩ | 333 W | 1 | 3.8 kg |

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Limitor®- PT Back-up Fuses
with Controlled Power Dissipation

PRODUCT RANGE

Limitor- PT, Rated voltage 10 /17,5 kV



45DB175V100PT

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I _b | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø56mm, length 367mm | | | | | | | | | |
| 45DB175V6,3PT | G1006118 | 6.3 A | 1 kA ² s | 63 kA | 30 A | 245 mΩ | 11 W | 1 | 2.2 kg |
| 45DB175V10PT | H1006119 | 10 A | 1.5 kA ² s | 63 kA | 43 A | 180 mΩ | 22 W | 1 | 2.2 kg |
| 45DB175V16PT | J1006120 | 16 A | 2 kA ² s | 63 kA | 54 A | 150 mΩ | 53 W | 1 | 2.2 kg |
| 45DB175V25PT | K1006121 | 25 A | 6 kA ² s | 63 kA | 93 A | 78 mΩ | 73 W | 1 | 2.2 kg |
| 45DB175V32PT | L1006122 | 31.5 A | 10 kA ² s | 63 kA | 105 A | 59 mΩ | 95 W | 1 | 2.2 kg |
| 45DB175V40PT | M1006123 | 40 A | 30 kA ² s | 63 kA | 125 A | 33.8 mΩ | 79 W | 1 | 2.2 kg |
| 45DB175V50PT | N1006124 | 50 A | 50 kA ² s | 63 kA | 205 A | 26 mΩ | 106 W | 1 | 2.2 kg |
| 45DB175V63PT | P1006125 | 63 A | 100 kA ² s | 63 kA | 280 A | 18.4 mΩ | 135 W | 1 | 2.2 kg |
| Ø65mm, length 367mm | | | | | | | | | |
| 45DB175V80PT | Q1006126 | 80 A | 150 kA ² s | 63 kA | 350 A | 15 mΩ | 183 W | 1 | 2.6 kg |
| Ø88mm, length 367mm | | | | | | | | | |
| 45DB175V100PT | S1006128 | 100 A | 200 kA ² s | 63 kA | 500 A | 13 mΩ | 240 W | 1 | 3.5 kg |

Limitor- PT, Rated voltage 10 / 24 kV



45DB240VIPT



45DB240V125PT

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I _b | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø56mm, length 442mm | | | | | | | | | |
| 45DB240V1PT | E1000136 | 1 A | 0.09 kA ² s | 63 kA | 14 A | 2100 mΩ | 2 W | 1 | 2.3 kg |
| 45DB240V2PT | F1000137 | 2 A | 0.34 kA ² s | 63 kA | 16 A | 800 mΩ | 3 W | 1 | 2.3 kg |
| 45DB240V4PT | G1000138 | 4 A | 0.45 kA ² s | 63 kA | 23 A | 550 mΩ | 10 W | 1 | 2.3 kg |
| 45DB240V6,3PT | H1000139 | 6.3 A | 0.53 kA ² s | 63 kA | 30 A | 300 mΩ | 13 W | 1 | 2.3 kg |
| 45DB240V10PT | J1000140 | 10 A | 0.94 kA ² s | 63 kA | 43 A | 220 mΩ | 26 W | 1 | 2.3 kg |
| 45DB240V16PT | K1000141 | 16 A | 1.4 kA ² s | 63 kA | 60 A | 197 mΩ | 73 W | 1 | 2.3 kg |
| 45DB240V20PT | L1000142 | 20 A | 3.1 kA ² s | 63 kA | 76 A | 134 mΩ | 76 W | 1 | 2.3 kg |
| 45DB240V25PT | M1000143 | 25 A | 4.5 kA ² s | 63 kA | 93 A | 96 mΩ | 89 W | 1 | 2.3 kg |
| 45DB240V32PT | N1000144 | 31.5 A | 5.9 kA ² s | 63 kA | 105 A | 79 mΩ | 127 W | 1 | 2.3 kg |
| 45DB240V40PT | P1000145 | 40 A | 18.8 kA ² s | 63 kA | 130 A | 45 mΩ | 114 W | 1 | 2.3 kg |
| 45DB240V50PT | Q1000146 | 50 A | 33.5 kA ² s | 63 kA | 205 A | 35 mΩ | 147 W | 1 | 2.3 kg |
| 45DB240V63PT | R1000147 | 63 A | 46.4 kA ² s | 63 kA | 280 A | 25 mΩ | 163 W | 1 | 2.3 kg |
| Ø65mm, length 442mm | | | | | | | | | |
| 45DB240V80PT | S1000148 | 80 A | 84 kA ² s | 63 kA | 360 A | 20.5 mΩ | 233 W | 1 | 3.1 kg |
| Ø78mm, length 442mm | | | | | | | | | |
| 45DB240V100PT | T1000149 | 100 A | 93.6 kA ² s | 63 kA | 430 A | 18 mΩ | 400 W | 1 | 3.6 kg |
| Ø88mm, length 442mm | | | | | | | | | |
| 45DB240V125PT | V1000150 | 125 A | 350 kA ² s | 40 kA | 760 A | 11 mΩ | 340 W | 1 | 4.3 kg |

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Limitor®- PTD Back-up Fuses
with Controlled Power Dissipation, for German standard VDE 0670 T402

PRODUCT RANGE



45DB120V10PTD



45DB120V63PTD

Rated voltage 6 /12 kV, length 292mm

| Catalog number | Item number | Rated current I_n | Clearing I^2t at Rated Voltage | Breaking capacity I_b | Minimum breaking current $I_s = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at I_n | Package | Weight |
|----------------|-------------|---------------------|----------------------------------|-------------------------|--|------------------------------|----------------------------|---------|--------|
| Ø56mm | | | | | | | | | |
| 45DB120V10PTD | S1000263 | 10 A | 3 kA ² s | 63 kA | 35 A | 227 mΩ | 29 W | 1 | 1.7 kg |
| 45DB120V16PTD | T1000264 | 16 A | 3.7 kA ² s | 63 kA | 64 A | 66 mΩ | 21 W | 1 | 1.7 kg |
| 45DB120V20PTD | V1000265 | 20 A | 4.7 kA ² s | 63 kA | 90 A | 51 mΩ | 25 W | 1 | 1.7 kg |
| 45DB120V25PTD | W1000266 | 25 A | 4.9 kA ² s | 63 kA | 95 A | 40 mΩ | 29 W | 1 | 1.7 kg |
| 45DB120V32PTD | X1000267 | 31.5 A | 7 kA ² s | 63 kA | 110 A | 30 mΩ | 39 W | 1 | 1.7 kg |
| 45DB120V40PTD | Y1000268 | 40 A | 14 kA ² s | 63 kA | 134 A | 20 mΩ | 46 W | 1 | 1.7 kg |
| 45DB120V50PTD | Z1000269 | 50 A | 25 kA ² s | 63 kA | 190 A | 15 mΩ | 62 W | 1 | 1.7 kg |
| Ø65mm | | | | | | | | | |
| 45DB120V63PTD | A1000270 | 63 A | 63 kA ² s | 63 kA | 220 A | 12 mΩ | 62 W | 1 | 2.2 kg |
| 45DB120V80PTD | B1000271 | 80 A | 87 kA ² s | 63 kA | 345 A | 8.7 mΩ | 85 W | 1 | 2.2 kg |
| 45DB120V100PTD | C1000272 | 100 A | 140 kA ² s | 63 kA | 500 A | 8.1 mΩ | 152 W | 1 | 2.2 kg |
| Ø88mm | | | | | | | | | |
| 45DB120V125PTD | D1000273 | 125 A | 430 kA ² s | 63 kA | 480 A | 4.5 mΩ | 117 W | 1 | 3.8 kg |
| 45DB120V160PTD | E1000274 | 160 A | 670 kA ² s | 63 kA | 610 A | 4 mΩ | 175 W | 1 | 3.8 kg |

Rated voltage 10 / 24 kV, length 442mm

| Catalog number | Item number | Rated current I_n | Clearing I^2t at Rated Voltage | Breaking capacity I_b | Minimum breaking current $I_s = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at I_n | Package | Weight |
|----------------|-------------|---------------------|----------------------------------|-------------------------|--|------------------------------|----------------------------|---------|--------|
| Ø56mm | | | | | | | | | |
| 45DB240V6,3PTD | F1000275 | 6.3 A | 0.8 kA ² s | 63 kA | 23 A | 640 mΩ | 31 W | 1 | 2.4 kg |
| 45DB240V10PTD | G1000276 | 10 A | 2 kA ² s | 63 kA | 36 A | 386 mΩ | 48 W | 1 | 2.4 kg |
| 45DB240V16PTD | H1000277 | 16 A | 2.3 kA ² s | 63 kA | 73 A | 127 mΩ | 42 W | 1 | 2.4 kg |
| 45DB240V20PTD | J1000278 | 20 A | 3.9 kA ² s | 63 kA | 91 A | 97 mΩ | 53 W | 1 | 2.4 kg |
| 45DB240V25PTD | K1000279 | 25 A | 6.5 kA ² s | 63 kA | 116 A | 73 mΩ | 60 W | 1 | 2.4 kg |
| 45DB240V32PTD | L1000280 | 31.5 A | 7 kA ² s | 63 kA | 125 A | 57 mΩ | 84 W | 1 | 2.4 kg |
| 45DB240V40PTD | M1000281 | 40 A | 14.2 kA ² s | 63 kA | 161 A | 41 mΩ | 96 W | 1 | 2.4 kg |
| Ø65mm | | | | | | | | | |
| 45DB240V50PTD | N1000282 | 50 A | 24.2 kA ² s | 63 kA | 230 A | 35 mΩ | 146 W | 1 | 3.2 kg |
| 45DB240V63PTD | P1000283 | 63 A | 46.4 kA ² s | 63 kA | 350 A | 24 mΩ | 163 W | 1 | 3.2 kg |
| 45DB240V80PTD | Q1000284 | 80 A | 104 kA ² s | 63 kA | 460 A | 19 mΩ | 196 W | 1 | 3.2 kg |
| Ø88mm | | | | | | | | | |
| 45DB240V100PTD | R1000285 | 100 A | 140 kA ² s | 63 kA | 420 A | 14 mΩ | 279 W | 1 | 4.3 kg |



45DB360V6,3PTD

Rated voltage 20 / 36 kV, length 537mm

| Catalog number | Item number | Rated current I_n | Clearing I^2t at Rated Voltage | Breaking capacity I_b | Minimum breaking current $I_s = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at I_n | Package | Weight |
|----------------|-------------|---------------------|----------------------------------|-------------------------|--|------------------------------|----------------------------|---------|--------|
| Ø56mm | | | | | | | | | |
| 45DB360V6,3PTD | S1000286 | 6.3 A | 0.6 kA ² s | 31.5 kA | 23 A | 889 mΩ | 39 W | 1 | 2.7 kg |
| 45DB360V10PTD | T1000287 | 10 A | 2 kA ² s | 31.5 kA | 34 A | 529 mΩ | 66 W | 1 | 2.7 kg |
| 45DB360V16PTD | V1000288 | 16 A | 2.35 kA ² s | 31.5 kA | 70 A | 190 mΩ | 67 W | 1 | 2.7 kg |
| 45DB360V20PTD | W1000289 | 20 A | 3.9 kA ² s | 31.5 kA | 100 A | 153 mΩ | 84 W | 1 | 2.7 kg |
| 45DB360V25PTD | X1000290 | 25 A | 6.5 kA ² s | 31.5 kA | 110 A | 118 mΩ | 100 W | 1 | 2.7 kg |
| Ø65mm | | | | | | | | | |
| 45DB360V32PTD | Y1000291 | 31.5 A | 7 kA ² s | 31.5 kA | 135 A | 82 mΩ | 119 W | 1 | 3.7 kg |
| 45DB360V40PTD | Z1000292 | 40 A | 14.2 kA ² s | 20 kA | 205 A | 63 mΩ | 176 W | 1 | 3.7 kg |
| Ø88mm | | | | | | | | | |
| 45DB360V50PTD | A1000293 | 50 A | 40 kA ² s | 20 kA | 220 A | 41 mΩ | 183 W | 1 | 6.5 kg |

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Limitor® - PTS Back-up Fuses
with Low Power Dissipation and Thermal Striker

PRODUCT RANGE

Rated voltage 6 / 12 kV, length 292mm

| Catalog number | Item number | Rated current I_n | Clearing I^2t at Rated Voltage | Breaking capacity I_b | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at I_n | Package | Weight |
|-----------------|-------------|---------------------|----------------------------------|-------------------------|--|------------------------------|----------------------------|---------|--------|
| Ø 56mm | | | | | | | | | |
| 45DB120V10PTS2 | R1032945 | 10 A | 3000 A ² s | 65 kA | 35 A | 227 mΩ | 29 W | 1 | 1.6 kg |
| 45DB120V16PTS2 | S1032946 | 16 A | 3700 A ² s | 65 kA | 64 A | 66 mΩ | 21 W | 1 | 1.6 kg |
| 45DB120V20PTS2 | T1032947 | 20 A | 4700 A ² s | 65 kA | 90 A | 51 mΩ | 25 W | 1 | 1.6 kg |
| 45DB120V25PTS2 | V1032948 | 25 A | 4920 A ² s | 65 kA | 95 A | 40 mΩ | 29 W | 1 | 1.6 kg |
| 45DB120V32PTS2 | W1032949 | 31.5 A | 7000 A ² s | 65 kA | 110 A | 30 mΩ | 39 W | 1 | 1.6 kg |
| 45DB120V40PTS2 | X1032950 | 40 A | 14 kA ² s | 65 kA | 134 A | 20 mΩ | 46 W | 1 | 1.6 kg |
| 45DB120V50PTS2 | Y1032951 | 50 A | 25.3 kA ² s | 65 kA | 190 A | 15 mΩ | 62 W | 1 | 1.6 kg |
| Ø 65mm | | | | | | | | | |
| 45DB120V63PTS2 | M1018313 | 63 A | 57 kA ² s | 80 kA | 260 A | 11.9 mΩ | 58 W | 1 | 2.1 kg |
| 45DB120V80PTS2 | N1018314 | 80 A | 90 kA ² s | 80 kA | 280 A | 9.6 mΩ | 82 W | 1 | 2.1 kg |
| Ø 78mm | | | | | | | | | |
| 45DB120V100PTS2 | P1018315 | 100 A | 145 kA ² s | 80 kA | 350 A | 7.5 mΩ | 105 W | 1 | 3.2 kg |
| Ø 88mm | | | | | | | | | |
| 45DB120V125PTS2 | Q1018316 | 125 A | 296 A ² s | 80 kA | 440 A | 5.3 mΩ | 110 W | 1 | 4.2 kg |

Rated voltage 6 /12 kV, length 442mm



45DB120V100PTS3

| Catalog number | Item number | Rated current I_n | Clearing I^2t at Rated Voltage | Breaking capacity I_b | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at I_n | Package | Weight |
|-----------------|-------------|---------------------|----------------------------------|-------------------------|--|------------------------------|----------------------------|---------|--------|
| Ø 78mm | | | | | | | | | |
| 45DB120V100PTS3 | R1018317 | 100 A | 150 kA ² s | 80 kA | 350 A | 7.5 mΩ | 95 W | 1 | 5.1 kg |
| 45DB120V125PTS3 | S1018318 | 125 A | 300 kA ² s | 80 kA | 440 A | 5.4 mΩ | 105 W | 1 | 5.1 kg |
| 45DB120V160PTS3 | V1018320 | 160 A | 500 kA ² s | 80 kA | 660 A | 4.1 mΩ | 145 W | 1 | 5.1 kg |

Rated voltage 10 / 24 kV, length 442mm

| Catalog number | Item number | Rated current I_n | Clearing I^2t at Rated Voltage | Breaking capacity I_b | Minimum breaking current $I_3 = I_{min}$ | Cold resistance R20 (+/-10%) | Power dissipation at I_n | Package | Weight |
|----------------|-------------|---------------------|----------------------------------|-------------------------|--|------------------------------|----------------------------|---------|--------|
| Ø 56mm | | | | | | | | | |
| 45DB240V10PTS | Z1032952 | 10 A | 2000 A ² s | 65 kA | 36 A | 386 mΩ | 48 W | 1 | 2.3 kg |
| 45DB240V16PTS | A1032953 | 16 A | 2340 A ² s | 65 kA | 73 A | 127 mΩ | 42 W | 1 | 2.3 kg |
| 45DB240V20PTS | B1032954 | 20 A | 3900 A ² s | 65 kA | 91 A | 97 mΩ | 53 W | 1 | 2.3 kg |
| 45DB240V25PTS | C1032955 | 25 A | 6500 A ² s | 65 kA | 113 A | 73 mΩ | 60 W | 1 | 2.3 kg |
| 45DB240V32PTS | D1032956 | 31.5 A | 7000 A ² s | 65 kA | 125 A | 57 mΩ | 84 W | 1 | 2.3 kg |
| 45DB240V40PTS | E1032957 | 40 A | 14.2 kA ² s | 65 kA | 161 A | 41 mΩ | 96 W | 1 | 2.3 kg |
| Ø 65mm | | | | | | | | | |
| 45DB240V50PTS | X1018322 | 50 A | 39 kA ² s | 65 kA | 230 A | 27.4 mΩ | 82 W | 1 | 3.3 kg |
| Ø 78mm | | | | | | | | | |
| 45DB240V63PTS | Y1018323 | 63 A | 63 kA ² s | 65 kA | 250 A | 21.6 mΩ | 102 W | 1 | 5.1 kg |
| 45DB240V80PTS | Z1018324 | 80 A | 99 kA ² s | 65 kA | 280 A | 17.3 mΩ | 153 W | 1 | 5.1 kg |
| Ø 88mm | | | | | | | | | |
| 45DB240V100PTS | A1018325 | 100 A | 159 kA ² s | 65 kA | 350 A | 13.6 mΩ | 200 W | 1 | 6.1 kg |
| 45DB240V125PTS | B1018326 | 125 A | 290 kA ² s | 65 kA | 440 A | 10.1 mΩ | 254 W | 1 | 6.1 kg |

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Limitor® - PTS Back-up Fuses
with Low Power Dissipation and Thermal Striker

PRODUCT RANGE

Rated voltage 20 / 36 kV, length 537mm

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I ₁ | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø 56mm | | | | | | | | | |
| 45DB360V10PTS | F1032958 | 10 A | 2000 A ² s | 31.5 kA | 34 A | 529 mΩ | 66 W | 1 | 2.8 kg |
| 45DB360V16PTS | G1032959 | 16 A | 2340 A ² s | 31.5 kA | 66 A | 190 mΩ | 67 W | 1 | 2.8 kg |
| 45DB360V20PTS | H1032960 | 20 A | 3900 A ² s | 31.5 kA | 95 A | 153 mΩ | 84 W | 1 | 2.8 kg |
| 45DB360V25PTS | J1032961 | 25 A | 6500 A ² s | 31.5 kA | 110 A | 118 mΩ | 100 W | 1 | 2.8 kg |
| Ø 65mm | | | | | | | | | |
| 45DB360V32PTS | K1032962 | 31.5 A | 7000 A ² s | 20 kA | 135 A | 82 mΩ | 119 W | 1 | 3.8 kg |
| 45DB360V40PTS | L1032963 | 40 A | 14200 A ² s | 20 kA | 200 A | 63 mΩ | 176 W | 1 | 3.8 kg |
| Ø 88mm | | | | | | | | | |
| 45DB360V50PTS | M1032964 | 50 A | 40000 A ² s | 20 kA | 225 A | 40 mΩ | 183 W | 1 | 6.6 kg |
| 45DB360V63PTS | C1018327 | 63 A | 65000 A ² s | 36 kA | 260 A | 31.9 mΩ | 165 W | 1 | 6.6 kg |
| 45DB360V80PTS | F1018330 | 80 A | 112 kA ² s | 36 kA | 350 A | 24.2 mΩ | 230 W | 1 | 6.6 kg |

Limitor®- PD Back-up Fuses
without Controlled Power Dissipation, for German standard VDE 0670 T402

PRODUCT RANGE

Rated voltage 3 / 7,2 kV, length 192mm



45DB72V125PD

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I ₁ | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø56mm | | | | | | | | | |
| 45DB72V6,3PD | S209293 | 6.3 A | 0.8 kA ² s | 63 kA | 21 A | 256 mΩ | 11 W | 1 | 1.2 kg |
| 45DB72V10PD | T209294 | 10 A | 3 kA ² s | 63 kA | 38 A | 144 mΩ | 19 W | 1 | 1.2 kg |
| 45DB72V16PD | V209295 | 16 A | 2.34 kA ² s | 63 kA | 65 A | 41 mΩ | 13 W | 1 | 1.2 kg |
| 45DB72V20PD | W209296 | 20 A | 3.9 kA ² s | 63 kA | 92 A | 32 mΩ | 14.5 W | 1 | 1.2 kg |
| 45DB72V25PD | X209297 | 25 A | 4.9 kA ² s | 63 kA | 110 A | 25 mΩ | 20 W | 1 | 1.2 kg |
| 45DB72V32PD | Y209298 | 31.5 A | 7 kA ² s | 63 kA | 123 A | 19 mΩ | 23 W | 1 | 1.2 kg |
| 45DB72V40PD | Z209299 | 40 A | 14 kA ² s | 63 kA | 140 A | 12.3 mΩ | 30 W | 1 | 1.2 kg |
| 45DB72V50PD | A209300 | 50 A | 25.3 kA ² s | 63 kA | 194 A | 9.3 mΩ | 35 W | 1 | 1.2 kg |
| Ø65mm | | | | | | | | | |
| 45DB72V63PD | M1000235 | 63 A | 61.7 kA ² s | 63 kA | 220 A | 7 mΩ | 60 W | 1 | 1.5 kg |
| 45DB72V80PD | N1000236 | 80 A | 87.4 kA ² s | 63 kA | 300 A | 5.2 mΩ | 85 W | 1 | 1.5 kg |
| Ø78mm | | | | | | | | | |
| 45DB72V100PD | P1000237 | 100 A | 180 kA ² s | 63 kA | 440 A | 4 mΩ | 96 W | 1 | 2.1 kg |
| Ø88mm | | | | | | | | | |
| 45DB72V125PD | Q1000100 | 125 A | 440 kA ² s | 63 kA | 440 A | 2.9 mΩ | 75 W | 1 | 2.6 kg |
| 45DB72V160PD | Q1000238 | 160 A | 654 kA ² s | 63 kA | 610 A | 2.3 mΩ | 120 W | 1 | 2.6 kg |

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Limitor®- PD Back-up Fuses

without Controlled Power Dissipation, for German standard VDE 0670 T402

Rated voltage 6 / 12 kV, length 292mm



45DB120V50PD

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I ₁ | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø56mm | | | | | | | | | |
| 45DB120V6,3PD | R1000239 | 6.3 A | 0.8 kA ² s | 63 kA | 23 A | 409 mΩ | 19 W | 1 | 1.6 kg |
| 45DB120V10PD | S1000240 | 10 A | 3 kA ² s | 63 kA | 35 A | 231 mΩ | 29 W | 1 | 1.6 kg |
| 45DB120V16PD | T1000241 | 16 A | 3.7 kA ² s | 63 kA | 64 A | 69 mΩ | 21 W | 1 | 1.6 kg |
| 45DB120V20PD | V1000242 | 20 A | 4.7 kA ² s | 63 kA | 90 A | 53 mΩ | 25 W | 1 | 1.6 kg |
| 45DB120V25PD | W1000243 | 25 A | 4.92 kA ² s | 63 kA | 95 A | 41 mΩ | 31 W | 1 | 1.6 kg |
| 45DB120V32PD | X1000244 | 31.5 A | 7 kA ² s | 63 kA | 110 A | 31 mΩ | 39 W | 1 | 1.6 kg |
| 45DB120V40PD | Y1000245 | 40 A | 14 kA ² s | 63 kA | 134 A | 20 mΩ | 46 W | 1 | 1.6 kg |
| 45DB120V50PD | Z1000246 | 50 A | 25.3 kA ² s | 63 kA | 190 A | 16.7 mΩ | 62 W | 1 | 1.6 kg |
| Ø65mm | | | | | | | | | |
| 45DB120V63PD | A1000247 | 63 A | 63 kA ² s | 63 kA | 220 A | 11.7 mΩ | 60 W | 1 | 2.2 kg |
| 45DB120V80PD | B1000248 | 80 A | 87 kA ² s | 63 kA | 345 A | 8.7 mΩ | 82 W | 1 | 2.2 kg |
| Ø78mm | | | | | | | | | |
| 45DB120V100PD | C1000249 | 100 A | 180 kA ² s | 63 kA | 400 A | 6.7 mΩ | 96 W | 1 | 3.1 kg |
| Ø88mm | | | | | | | | | |
| 45DB120V125PD | D1000250 | 125 A | 440 kA ² s | 63 kA | 480 A | 4.9 mΩ | 117 W | 1 | 3.8 kg |
| 45DB120V160PD | E1000251 | 160 A | 654 kA ² s | 63 kA | 610 A | 3.8 mΩ | 175 W | 1 | 3.8 kg |

Rated voltage 10 / 24 kV, length 442mm



45DB240V6,3PD



45DB240V80PD

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I ₁ | Minimum breaking current I ₃ = I _{min} | Cold resistance R20 (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------------|--|----------------------------------|--|------------------------------|-------------------------------------|---------|--------|
| Ø56mm | | | | | | | | | |
| 45DB240V6,3PD | F1000252 | 6.3 A | 0.8 kA ² s | 63 kA | 23 A | 640 mΩ | 32 W | 1 | 2.4 kg |
| 45DB240V10PD | G1000253 | 10 A | 2 kA ² s | 63 kA | 36 A | 386 mΩ | 48 W | 1 | 2.4 kg |
| 45DB240V16PD | H1000254 | 16 A | 2.34 kA ² s | 63 kA | 73 A | 127 mΩ | 43 W | 1 | 2.4 kg |
| 45DB240V20PD | J1000255 | 20 A | 3.9 kA ² s | 63 kA | 91 A | 97 mΩ | 53 W | 1 | 2.4 kg |
| 45DB240V25PD | K1000256 | 25 A | 6.5 kA ² s | 63 kA | 116 A | 74 mΩ | 64 W | 1 | 2.4 kg |
| 45DB240V32PD | L1000257 | 31.5 A | 7 kA ² s | 63 kA | 125 A | 61 mΩ | 85 W | 1 | 2.4 kg |
| 45DB240V40PD | M1000258 | 40 A | 14.2 kA ² s | 63 kA | 161 A | 43 mΩ | 103 W | 1 | 2.4 kg |
| Ø65mm | | | | | | | | | |
| 45DB240V50PD | N1000259 | 50 A | 24.2 kA ² s | 63 kA | 230 A | 35 mΩ | 146 W | 1 | 3.1 kg |
| 45DB240V63PD | P1000260 | 63 A | 46.4 kA ² s | 63 kA | 350 A | 25 mΩ | 163 W | 1 | 3.1 kg |
| 45DB240V80PD | Q1000261 | 80 A | 104 kA ² s | 63 kA | 460 A | 19 mΩ | 196 W | 1 | 3.1 kg |
| Ø88mm | | | | | | | | | |
| 45DB240V100PD | R1000262 | 100 A | 140 kA ² s | 63 kA | 420 A | 14 mΩ | 279 W | 1 | 4.3 kg |

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Limator®- PD Back-up Fuses
without Controlled Power Dissipation, for German standard VDE 0670 T402

PRODUCT RANGE

Rated voltage 20 / 36 kV, length 537mm



45DB360V6,3PD



45DB360V10PD



45DB360V32PD

| Catalog number | Item number | Rated current I _n | Clearing I ² t at Rated Voltage | Breaking capacity I _b | Minimum breaking current I ₃ = I _{min} | Cold resistance R ₂₀ (+/-10%) | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------------|--|----------------------------------|--|--|-------------------------------------|---------|--------|
| Ø56mm | | | | | | | | | |
| 45DB360V6,3PD | S209362 | 6.3 A | 0.6 kA ² s | 31.5 kA | 23 A | 827 mΩ | 39 W | 1 | 2.7 kg |
| 45DB360V10PD | T209363 | 10 A | 2 kA ² s | 31.5 kA | 34 A | 520 mΩ | 65 W | 1 | 2.7 kg |
| 45DB360V16PD | V209364 | 16 A | 2.34 kA ² s | 31.5 kA | 70 A | 210 mΩ | 67 W | 1 | 2.7 kg |
| 45DB360V20PD | W209365 | 20 A | 3.9 kA ² s | 31.5 kA | 100 A | 165 mΩ | 84 W | 1 | 2.7 kg |
| 45DB360V25PD | X209366 | 25 A | 6.5 kA ² s | 31.5 kA | 110 A | 125 mΩ | 100 W | 1 | 2.7 kg |
| Ø65mm | | | | | | | | | |
| 45DB360V32PD | Y209367 | 31.5 A | 7 kA ² s | 31.5 kA | 135 A | 85 mΩ | 119 W | 1 | 3.7 kg |
| 45DB360V40PD | Z209368 | 40 A | 14.2 kA ² s | 20 kA | 205 A | 65 mΩ | 176 W | 1 | 3.7 kg |
| Ø88mm | | | | | | | | | |
| 45DB360V50PD | J1000117 | 50 A | 40 kA ² s | 20 kA | 220 A | 45 mΩ | 183 W | 1 | 6.5 kg |
| 45DB360V63PD | K1000118 | 63 A | 61.7 kA ² s | 20 kA | 360 A | 35 mΩ | 271 W | 1 | 6.5 kg |

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Limitor® - NF/UTE Back-up Fuses
7,2kV to 24kV - Type FR

PRODUCT RANGE

Rated voltage 7.2kV, length 520mm, Ø 55mm

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Minimum breaking current I ₃ = I _{min} | Power dissipation at I _n | Operating I ² t at Rated Voltage | Package | Weight |
|------------------------|-------------|------------------------|------------------------------|--|-------------------------------------|---|---------|--------|
| without striker | | | | | | | | |
| FR72V6,3 | Z227584 | 7.2 kV | 6.3 A | 31.5 A | 12 W | 0.3 kA ² s | 3 | 2.1 kg |
| FR72V16 | A227585 | 7.2 kV | 16 A | 80 A | 26 W | 1.6 kA ² s | 3 | 2.1 kg |
| FR72V32 | B227586 | 7.2 kV | 32 A | 160 A | 44 W | 6 kA ² s | 3 | 2.1 kg |
| FR72V43 | C227587 | 7.2 kV | 43 A | 215 A | 61 W | 12 kA ² s | 3 | 2.1 kg |
| FR72V63 | D227588 | 7.2 kV | 63 A | 315 A | 71 W | 24 kA ² s | 3 | 2.1 kg |
| with striker | | | | | | | | |
| FR72V6,3P | E227589 | 7.2 kV | 6.3 A | 31.5 A | 12 W | 0.3 kA ² s | 3 | 2.1 kg |
| FR72V16P | F227590 | 7.2 kV | 16 A | 80 A | 26 W | 1.6 kA ² s | 3 | 2.1 kg |
| FR72V32P | G227591 | 7.2 kV | 32 A | 160 A | 44 W | 6 kA ² s | 3 | 2.1 kg |
| FR72V43P | H227592 | 7.2 kV | 43 A | 215 A | 61 W | 12 kA ² s | 3 | 2.1 kg |
| FR72V63P | J227593 | 7.2 kV | 63 A | 315 A | 71 W | 24 kA ² s | - | 2.1 kg |

Rated voltage 12kV, length 520 mm, Ø 55mm

| Catalog number | Item number | EDF Number | Rated voltage AC (IEC) | Rated current I _n | Minimum breaking current I ₃ = I _{min} | Power dissipation at I _n | Operating I ² t at Rated Voltage | Package | Weight |
|------------------------|-------------|------------|------------------------|------------------------------|--|-------------------------------------|---|---------|--------|
| without striker | | | | | | | | | |
| FR120V6,3 | X210240 | - | 12 kV | 6.3 A | 31.5 A | 25 W | 0.3 kA ² s | 3 | 2.1 kg |
| FR120V16 | Y210241 | 73.02.136 | 12 kV | 16 A | 80 A | 53 W | 1.6 kA ² s | 3 | 2.1 kg |
| FR120V32 | Z210242 | 73.02.137 | 12 kV | 32 A | 160 A | 89 W | 6 kA ² s | 3 | 2.1 kg |
| FR120V43 | A210243 | - | 12 kV | 43 A | 215 A | 123 W | 12 kA ² s | 3 | 2.1 kg |
| FR120V63 | B210244 | 73.02.138 | 12 kV | 63 A | 315 A | 142 W | 24 kA ² s | 3 | 2.1 kg |
| with striker | | | | | | | | | |
| FR120V6,3P | D210246 | - | 12 kV | 6.3 A | 31.5 A | 25 W | 0.3 kA ² s | 3 | 2.3 kg |
| FR120V16P | E210247 | 73.02.136 | 12 kV | 16 A | 80 A | 53 W | 1.6 kA ² s | 3 | 2.3 kg |
| FR120V32P | F210248 | 73.02.137 | 12 kV | 32 A | 160 A | 89 W | 6 kA ² s | 3 | 2.3 kg |
| FR120V43P | G210249 | - | 12 kV | 43 A | 215 A | 123 W | 12 kA ² s | 3 | 2.3 kg |
| FR120V63P | H210250 | 73.02.138 | 12 kV | 63 A | 315 A | 142 W | 24 kA ² s | 3 | 2.3 kg |

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Limator® - NF/UTE Back-up Fuses

7,2kV to 24kV - Type FR

PRODUCT RANGE



FRECO240V63

Rated voltage 24kV, length 520 mm, Ø 55mm

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I_n | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at I_n | Operating I^2t at Rated Voltage | Package | Weight |
|------------------------|-------------|------------------------|---------------------|--|----------------------------|-----------------------------------|---------|--------|
| without striker | | | | | | | | |
| FR240V6,3 | S1047965 | 24 kV | 6.3 A | 31.5 A | 25 W | 0.32 kA ² s | 3 | 2.1 kg |
| FRECO240V10 | S1045205 | 24 kV | 10 A | 50 A | 25 W | 1.3 kA ² s | 3 | 2.1 kg |
| FRECO240V16 | B1043534 | 24 kV | 16 A | 80 A | 35 W | 4.7 kA ² s | 3 | 2.1 kg |
| FRECO240V20 | V1045207 | 24 kV | 20 A | 100 A | 43 W | 7.5 kA ² s | 3 | 2.1 kg |
| FRECO240V25 | X1045209 | 24 kV | 25 A | 125 A | 46 W | 10.1 kA ² s | 3 | 2.1 kg |
| FRECO240V31,5 | L1047361 | 24 kV | 31.5 A | 157.5 A | 53 W | 18.8 kA ² s | 3 | 2.1 kg |
| FRECO240V43 | H1043540 | 24 kV | 43 A | 215 A | 70 W | 38 kA ² s | 3 | 2.1 kg |
| FRECO240V50 | Z1045211 | 24 kV | 50 A | 250 A | 91 W | 39.3 kA ² s | 3 | 2.1 kg |
| FRECO240V63 | Y1048384 | 24 kV | 63 A | 315 A | 120 W | 66.5 kA ² s | 3 | 2.1 kg |
| with striker | | | | | | | | |
| FR240V6,3P | T1047966 | 24 kV | 6.3 A | 31.5 A | 25 W | 0.32 kA ² s | 3 | 2.1 kg |
| FRECO240V10P | T1045206 | 24 kV | 10 A | 50 A | 25 W | 1.3 kA ² s | 3 | 2.1 kg |
| FRECO240V16P | G1043539 | 24 kV | 16 A | 80 A | 35 W | 4.7 kA ² s | 3 | 2.1 kg |
| FRECO240V20P | W1045208 | 24 kV | 20 A | 100 A | 43 W | 7.5 kA ² s | 3 | 2.1 kg |
| FRECO240V25P | Y1045210 | 24 kV | 25 A | 125 A | 46 W | 10.1 kA ² s | 3 | 2.1 kg |
| FRECO240V31,5P | M1047362 | 24 kV | 31.5 A | 157.5 A | 53 W | 18.8 kA ² s | 3 | 2.1 kg |
| FRECO240V43P | L1043543 | 24 kV | 43 A | 215 A | 70 W | 38 kA ² s | 3 | 2.1 kg |
| FRECO240V50P | A1045212 | 24 kV | 50 A | 250 A | 91 W | 39.3 kA ² s | 3 | 2.1 kg |
| FRECO240V63P | Z1048385 | 24 kV | 63 A | 315 A | 120 W | 66.5 kA ² s | 3 | 2.1 kg |

Potential Transformer fuses

PRODUCT RANGE

7.2 to 36kV from 2 to 6.3A

| Catalog number | Item number | Rated current I _n | Weight |
|-----------------|-------------|------------------------------|---------|
| TP120V6.3A127M1 | E1005541 | 6.3 A | 1.7 kg |
| TP120V6.3A127M2 | G1005543 | 6.3 A | 1.30 kg |
| TP120V6.3A127M3 | N1005549 | 6.3 A | 1.49 kg |
| TP120V6.3A127M4 | R1005552 | 6.3 A | 1.27 kg |
| TP175V2A173 | Y1005535 | 2 A | 1.3 kg |
| TP175V6.3A231 | H1005544 | 6.3 A | 2.2 kg |
| TP240V2A231 | Z1005536 | 2 A | 1.8 kg |
| TP240V6.3A231M1 | B1005538 | 6.3 A | 1.5 kg |
| TP240V6.3A231M2 | F1005542 | 6.3 A | 1.8 kg |
| TP240V6.3A231M3 | L1005547 | 6.3 A | 1.8 kg |
| TP240V6.3A231M4 | M1005548 | 6.3 A | 1.8 kg |
| TP240V6.3A231M5 | P1005550 | 6.3 A | 2.01 kg |
| TP240V6.3A325 | Q1005551 | 6.3 A | 1.8 kg |
| TP240VSP231 | A1005537 | 2 A | 1.8 kg |
| TP360V6.3A325M1 | J1005269 | 6.3 A | 2.2 kg |
| TP360V6.3A325M2 | K1005546 | 6.3 A | 2.2 kg |
| TP360V6.3A325M3 | S1005553 | 6.3 A | 2.5 kg |
| TP72V2A106 | X1005534 | 2 A | 1.1 kg |

Limator® - aSJB/D Back-up Fuses

3,6kV to 12kV - with Trip Indicator

PRODUCT RANGE

Rated voltage 3,6kV, length 192mm



| Catalog number | Item number | Rated current I_n | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7 \times I_n$ | Operating I^2t at Rated Voltage | Package | Weight |
|-------------------|-------------|---------------------|--|---------------------------------------|-----------------------------------|---------|--------|
| Ø d=50,8mm | | | | | | | |
| 45ASB36V32P-1 | S076468 | 32 A | 180 A | 6 W | 4 kA ² s | 3 | 1.9 kg |
| 45ASB36V50P-1 | T076469 | 50 A | 260 A | 9 W | 9 kA ² s | 3 | 1.9 kg |
| 45ASB36V63P-1 | V076470 | 63 A | 310 A | 11 W | 15 kA ² s | 3 | 1.9 kg |
| 45ASB36V80P-1 | W076471 | 80 A | 400 A | 13 W | 35 kA ² s | 3 | 1.9 kg |
| 45ASB36V100P-1 | X076472 | 100 A | 490 A | 15 W | 60 kA ² s | 3 | 1.9 kg |
| 45ASB36V125P-1 | Y076473 | 125 A | 600 A | 20 W | 95 kA ² s | 3 | 1.9 kg |
| Ø d=67mm | | | | | | | |
| 45ASB36V160P-1 | Z076474 | 160 A | 800 A | 27 W | 160 kA ² s | 3 | 1.9 kg |
| 45ASB36V200P-1 | A076475 | 200 A | 1000 A | 32 W | 340 kA ² s | 3 | 1.9 kg |
| Ø d=76mm | | | | | | | |
| 45ASB36V250P-1 | B076476 | 250 A | 1200 A | 35 W | 540 kA ² s | 3 | 2.5 kg |
| Ø d=88mm | | | | | | | |
| 45ASB36V315P-1 | C076477 | 315 A | 1600 A | 41 W | 1000 kA ² s | 3 | 3.4 kg |

Rated voltage 3,6kV, length 292mm



| Catalog number | Item number | Rated current I_n | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7 \times I_n$ | Operating I^2t at Rated Voltage | Package | Weight |
|-------------------|-------------|---------------------|--|---------------------------------------|-----------------------------------|---------|--------|
| Ø d=50,8mm | | | | | | | |
| 45ASB36V100P-2 | N075521 | 100 A | 700 A | 16 W | 88 kA ² s | 3 | 1.6 kg |
| 45ASB36V125P-2 | P075522 | 125 A | 830 A | 20 W | 160 kA ² s | 3 | 1.6 kg |
| 45ASB36V160P-2 | Q075523 | 160 A | 1000 A | 27 W | 280 kA ² s | 3 | 1.6 kg |
| Ø d=67mm | | | | | | | |
| 45ASB36V200P-2 | R075524 | 200 A | 1250 A | 33 W | 370 kA ² s | 3 | 2.7 kg |
| 45ASB36V250P-2 | S075525 | 250 A | 1750 A | 37 W | 720 kA ² s | 3 | 2.7 kg |
| Ø d=76mm | | | | | | | |
| 45ASB36V315P-2 | E075582 | 315 A | 2100 A | 45 W | 1200 kA ² s | 3 | 3.3 kg |
| 45ASB36V350P-2 | F075583 | 350 A | 2400 A | 47 W | 1700 kA ² s | 3 | 3.3 kg |
| Ø d=88mm | | | | | | | |
| 45ASB36V430P-2 | G075584 | 430 A | 3300 A | 51 W | 3200 kA ² s | 3 | 4.3 kg |



Rated voltage 7,2kV, length 292mm



| Catalog number | Item number | Rated current I_n | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7 \times I_n$ | Operating I^2t at Rated Voltage | Package | Weight |
|-------------------|-------------|---------------------|--|---------------------------------------|-----------------------------------|---------|--------|
| Ø d=50,8mm | | | | | | | |
| 45ASB72V32P-2 | J078162 | 32 A | 180 A | 10 W | 7 kA ² s | 3 | 1.6 kg |
| 45ASB72V50P-2 | K078163 | 50 A | 220 A | 14 W | 16 kA ² s | 3 | 1.6 kg |
| 45ASB72V63P-2 | L078164 | 63 A | 300 A | 18 W | 26 kA ² s | 3 | 1.6 kg |
| 45ASB72V80P-2 | M078165 | 80 A | 380 A | 20 W | 60 kA ² s | 3 | 1.6 kg |
| 45ASB72V100P-2 | N078166 | 100 A | 510 A | 25 W | 105 kA ² s | 3 | 1.6 kg |
| Ø d=67mm | | | | | | | |
| 45ASB72V125P-2 | P078167 | 125 A | 700 A | 29 W | 195 kA ² s | 3 | 2.7 kg |
| 45ASB72V160P-2 | Q078168 | 160 A | 840 A | 37 W | 340 kA ² s | 3 | 2.7 kg |
| Ø d=88mm | | | | | | | |
| 45ASB72V200P-2 | H093709 | 200 A | 1200 A | 41 W | 650 kA ² s | 3 | 4.4 kg |
| 45ASB72V250P-2 | R078169 | 250 A | 1600 A | 49 W | 1100 kA ² s | 3 | 4.4 kg |

Limitor® - aSJB/D Back-up Fuses

3,6kV to 12kV - with Trip Indicator

PRODUCT RANGE



Rated voltage 7,2kV, length 442mm

| Catalog number | Item number | Rated current I_n | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7 \times I_n$ | Operating I^2t at Rated Voltage | Package | Weight |
|-------------------|-------------|---------------------|--|---------------------------------------|-----------------------------------|---------|--------|
| Ø d=50,8mm | | | | | | | |
| 45ASD72V100P-3 | Y085581 | 100 A | 500 A | 30 W | 78 kA ² s | 3 | 2.2 kg |
| 45ASD72V125P-3 | Z085582 | 125 A | 630 A | 37 W | 150 kA ² s | 3 | 2.2 kg |
| 45ASD72V160P-3 | A085583 | 160 A | 880 A | 41 W | 290 kA ² s | 3 | 2.2 kg |
| Ø d=76mm | | | | | | | |
| 45ASD72V200P-3 | Q085620 | 200 A | 1100 A | 47 W | 560 kA ² s | 3 | 4.2 kg |
| 45ASD72V250P-3 | R085621 | 250 A | 1400 A | 52 W | 1000 kA ² s | 3 | 4.2 kg |
| Ø d=88mm | | | | | | | |
| 45ASD72V315P-3 | S085622 | 315 A | 1900 A | 60 W | 2000 kA ² s | 3 | 6.1 kg |
| 45ASD72V400P-3 | V085624 | 400 A | 2700 A | 69 W | 4100 kA ² s | 3 | 6.1 kg |



Rated voltage 12kV, length 442mm

| Catalog number | Item number | Rated current I_n | Minimum breaking current $I_3 = I_{min}$ | Power dissipation at $0.7 \times I_n$ | Operating I^2t at Rated Voltage | Package | Weight |
|-------------------|-------------|---------------------|--|---------------------------------------|-----------------------------------|---------|--------|
| Ø d=50,8mm | | | | | | | |
| 45ASB120V32P-3 | D076478 | 32 A | 168 A | 21 W | 5 kA ² s | 3 | 2.2 kg |
| 45ASB120V50P-3 | E076479 | 50 A | 244 A | 31 W | 12 kA ² s | 3 | 2.2 kg |
| 45ASB120V63P-3 | F076480 | 63 A | 325 A | 35 W | 24 kA ² s | 3 | 2.2 kg |
| 45ASB120V80P-3 | G076481 | 80 A | 416 A | 41 W | 48 kA ² s | 3 | 2.2 kg |
| 45ASB120V100P-3 | H076482 | 100 A | 560 A | 45 W | 85 kA ² s | 3 | 2.2 kg |
| Ø d=67mm | | | | | | | |
| 45ASB120V125P-3 | J076483 | 125 A | 650 A | 53 W | 150 kA ² s | 3 | 3.4 kg |
| 45ASB120V160P-3 | K076484 | 160 A | 930 A | 55 W | 320 kA ² s | 3 | 3.4 kg |
| Ø d=76mm | | | | | | | |
| 45ASB120V200P-3 | L076485 | 200 A | 1300 A | 62 W | 720 kA ² s | 3 | 4.2 kg |
| Ø d=88mm | | | | | | | |
| 45ASB120V250P-3 | M076486 | 250 A | 1800 A | 74 W | 1280 kA ² s | 3 | 6.1 kg |



SURGE PROTECTION DEVICES



**DIN-RAIL IEC
TYPE 1 / CLASS I 262**

Surge-Trap® Monobloc
STMT1 Series - 50kA 262



**DIN-RAIL IEC
TYPE 1+2 / CLASS I+II 263 - 269**

Surge-Trap® Pluggable
STPT12 Series - 12.5kA 263
Surge-Trap® Pluggable
STPT12 Series - 12.5kA 264
Surge-Trap® Pluggable
STPT12 Series - 12.5kA 265
Surge-Trap® Pluggable
STPT12 Series - 12.5kA 266
Surge-Trap® Pluggable
STPT12 Series - 12.5kA 266
Surge-Trap® Pluggable
STPT12 Series - 25kA 267
Surge-Trap® Pluggable
STPT12 Series - 25kA 268
Surge-Trap® Pluggable
STPT12 Series - 25kA 269



**DIN-RAIL IEC
TYPE 2 / CLASS II 270 - 274**

Surge-Trap® Pluggable
STPT2 Series - 40kA 270
Surge-Trap® Pluggable
STPT2 Series - 40kA 271



**DIN-RAIL IEC
TYPE 2+3 / CLASS II+III 275 - 268**

Surge-Trap® Pluggable
STPT23 Series - 20kA 275
Surge-Trap® Pluggable
STPT23 Series - 20kA 276
Surge-Trap® Monobloc
STET23 Series -
20kA with EMI Filter 277
Surge-Trap® Monobloc
STMT23 Series 278



DATA NETWORKS 279

Surge-Trap® Signal - STS NET 279



**MEASUREMENT AND
CONTROL DIGITAL LINES 280**

Surge-Trap® Signal - STS PLC 280



**MEASUREMENT AND
CONTROL RS485 281**

Surge-Trap® Signal - STS 485 281



RADIOFREQUENCY 282

Surge-Trap® Signal - STS RF 282



TELEPHONE LINES 283

Surge-Trap® Signal - STS TEL 283



DC POWER LINE PROTECTION 284

Surge-Trap® Pluggable STPT1+2
Series - 5kA PV 284
Surge-Trap® Pluggable STPT2
Series - 40kA PV 285
Surge-Trap® Pluggable STPT2
Series - 40kA PV 286



**POWER LINE PROTECTION
FOR THE LED DRIVER
IN THE FIXTURE (UL & IEC) 287**

Surge-Trap® Type 2+3 -
for LED Lighting 287



**POWER LINE PROTECTION
FOR THE FUSEBOX/
POLE BASE (IEC) 288**

Surge-Trap® Monobloc STMT23
Series for fusebox 288



**PLUG-IN SURGE PROTECTION
FOR PCB 289**

Surge-Trap® PCB Socket 289

Surge-Trap® Monobloc STMT1 Series - 50kA

PRODUCT RANGE



STMT1-50K275V-1P

1 Pole

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _n (8/20) | U _p at I _n |
|------------------|-------------|----------------|----------------|---------------------------|-----------------------|----------------------------------|
| L-N (1Ph) | | | | | | |
| STMT1-50K150V-1P | 83010103 | 120 VAC | 150 V | 50 kA | 50 kA | ≤ 2 kV |
| STMT1-50K275V-1P | 83010100 | 230 VAC | 275 V | 50 kA | 50 kA | ≤ 2 kV |
| STMT1-50K320V-1P | 83010104 | 277 VAC | 320 V | 50 kA | 50 kA | ≤ 2 kV |
| STMT1-50K440V-1P | 83010107 | 400 VAC | 440 V | 50 kA | 50 kA | ≤ 2.5 kV |
| N-PE (N) | | | | | | |
| STMT1-100K-N | 83010102 | Neutral | 255 V | 100 kA | 100 kA | ≤ 2 kV |

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Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE



STPT12-12K275V-1PM

1 Pole

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|--------------------|-------------|----------------|----------------|---------------------------|-------------------------|-----------------------|----------------------------------|--------|--------------|------------|
| | | | | | | | | | L-N | N-PE |
| L-N (1Ph) | | | | | | | | | | |
| STPT12-12K150V-1P | 83120100 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V | - |
| STPT12-12K150V-1PM | 83120101 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V | - |
| STPT12-12K275V-1P | 83120102 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V | - |
| STPT12-12K275V-1PM | 83120103 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V | - |
| STPT12-12K320V-1P | 83120104 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V | - |
| STPT12-12K320V-1PM | 83120105 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V | - |
| STPT12-12K440V-1P | 83120106 | 400 VAC | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V | - |
| STPT12-12K440V-1PM | 83120107 | 400 VAC | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V | - |
| N-PE (N) | | | | | | | | | | |
| STPT12-25K-N | 83120108 | Neutral | 255 V | 25 kA | 50 kA | 25 kA | ≤ 1.5 kV | No | - | SP12-25K-N |
| STPT12-50K-N | 83120110 | Neutral | 255 V | 50 kA | 50 kA | 50 kA | ≤ 1.5 kV | No | - | SP12-50K-N |

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Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE



STPT12-12K275V-2PGM

2 Poles

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|-----------------------------------|-------------|-------------------------------|----------------|-------------------------------|-------------------------|-----------------------|-----------------------------------|--------|--------------|------------|
| | | | | | | | | | L-N | N-PE |
| TT (1Ph+N) | | | | | | | | | | |
| STPT12-12K150V-2PG | 83120112 | 120 VAC | 150 V | 12.5 kA (L-N) 25 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP12-12K150V | SP12-25K-N |
| STPT12-12K150V-2PGM | 83120113 | 120 VAC | 150 V | 12.5 kA (L-N) 25 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP12-12K150V | SP12-25K-N |
| STPT12-12K275V-2PG | 83120114 | 230 VAC | 275 V | 12.5 kA (L-N) 25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP12-12K275V | SP12-25K-N |
| STPT12-12K275V-2PGM | 83120115 | 230 VAC | 275 V | 12.5 kA (L-N) 25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP12-12K275V | SP12-25K-N |
| STPT12-12K320V-2PG | 83120116 | 277 VAC | 320 V | 12.5 kA (L-N) 25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP12-12K320V | SP12-25K-N |
| STPT12-12K320V-2PGM | 83120117 | 277 VAC | 320 V | 12.5 kA (L-N) 25 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP12-12K320V | SP12-25K-N |
| TNS (1Ph+N) | | | | | | | | | | |
| STPT12-12K75V-2P | 83120126 | 60 VAC | 75 V | 12.5 kA | 50 kA | 20 kA | ≤ 0.65 kV | No | SP12-12K75V | - |
| STPT12-12K75V-2PM | 83120127 | 60 VAC | 75 V | 12.5 kA | 50 kA | 20 kA | ≤ 0.65 kV | Yes | SP12-12K75V | - |
| STPT12-12K150V-2P | 83120118 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V | - |
| STPT12-12K150V-2PM | 83120119 | 120 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V | - |
| STPT12-12K275V-2P | 83120120 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V | - |
| STPT12-12K275V-2PM | 83120121 | 230 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V | - |
| STPT12-12K320V-2P | 83120122 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V | - |
| STPT12-12K320V-2PM | 83120123 | 277 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V | - |
| IT (1Ph+N) TNS (1Ph+N) | | | | | | | | | | |
| STPT12-12K440V-2P | 83120124 | 230 VAC (IT) 400 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V | - |
| STPT12-12K440V-2PM | 83120125 | 230 VAC (IT) 400 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V | - |

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Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE



STPT12-12K275V-3PM

3 Poles

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No L-N |
|-------------------------------|-------------|---------------------------------------|----------------|------------------------------|----------------------------|-----------------------|----------------------------------|--------|---------------------|
| TNC (3Ph) | | | | | | | | | |
| STPT12-12K150V-3P | 83120128 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V |
| STPT12-12K150V-3PM | 83120129 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V |
| STPT12-12K275V-3P | 83120130 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V |
| STPT12-12K275V-3PM | 83120131 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V |
| STPT12-12K320V-3P | 83120132 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V |
| STPT12-12K320V-3PM | 83120133 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V |
| IT (3Ph) TNC (3Ph) | | | | | | | | | |
| STPT12-12K440V-3P | 83120134 | 230/400 VAC (IT) 400/690 VAC (TNC) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V |
| STPT12-12K440V-3PM | 83120135 | 230/400 VAC (IT) 400/690 VAC (TNC) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V |

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Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE



STPT12-12K275V-4PM

4 Poles

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|---------------------------------|-------------|---------------------------------------|----------------|-------------------------------|-------------------------|-----------------------|-----------------------------------|--------|--------------|------------|
| | | | | | | | | | L-N | N-PE |
| TT (3Ph+N) | | | | | | | | | | |
| STPT12-12K150V-4PG | 83120136 | 120/208 VAC | 150 V | 12.5 kA (L-N) 50 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP12-12K150V | SP12-50K-N |
| STPT12-12K150V-4PGM | 83120137 | 120/208 VAC | 150 V | 12.5 kA (L-N) 50 kA (N-PE) | 50 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP12-12K150V | SP12-50K-N |
| STPT12-12K275V-4PG | 83120138 | 230/400 VAC | 275 V | 12.5 kA (L-N) 50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP12-12K275V | SP12-50K-N |
| STPT12-12K275V-4PGM | 83120139 | 230/400 VAC | 275 V | 12.5 kA (L-N) 50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP12-12K275V | SP12-50K-N |
| STPT12-12K320V-4PG | 83120140 | 277/480 VAC | 320 V | 12.5 kA (L-N) 50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP12-12K320V | SP12-50K-N |
| STPT12-12K320V-4PGM | 83120141 | 277/480 VAC | 320 V | 12.5 kA (L-N) 50 kA (N-PE) | 50 kA | 20 kA | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP12-12K320V | SP12-50K-N |
| TNS (3Ph+N) | | | | | | | | | | |
| STPT12-12K150V-4P | 83120142 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | No | SP12-12K150V | - |
| STPT12-12K150V-4PM | 83120143 | 120/208 VAC | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV | Yes | SP12-12K150V | - |
| STPT12-12K275V-4P | 83120144 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | No | SP12-12K275V | - |
| STPT12-12K275V-4PM | 83120145 | 230/400 VAC | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV | Yes | SP12-12K275V | - |
| STPT12-12K320V-4P | 83120146 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | No | SP12-12K320V | - |
| STPT12-12K320V-4PM | 83120147 | 277/480 VAC | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV | Yes | SP12-12K320V | - |
| IT (3Ph) TNS (3Ph+N) | | | | | | | | | | |
| STPT12-12K440V-4P | 83120148 | 230/400 VAC (IT) 400/690 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | No | SP12-12K440V | - |
| STPT12-12K440V-4PM | 83120149 | 230/400 VAC (IT) 400/690 VAC (TNS) | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV | Yes | SP12-12K440V | - |

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Surge-Trap® Pluggable STPT12 Series - 12.5kA

PRODUCT RANGE



SP12-12K275V

Replacement cartridges

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n |
|----------------|-------------|----------------|----------------|---------------------------|-------------------------|-----------------------|----------------------------------|
| L-N | | | | | | | |
| SP12-12K75V | 83120000 | 60 | 75 V | 12.5 kA | 50 kA | 20 kA | ≤ 0.65 kV |
| SP12-12K150V | 83120001 | 120 | 150 V | 12.5 kA | 50 kA | 20 kA | ≤ 1 kV |
| SP12-12K275V | 83120002 | 230 | 275 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.3 kV |
| SP12-12K320V | 83120003 | 277 | 320 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.4 kV |
| SP12-12K440V | 83120004 | 400 | 440 V | 12.5 kA | 50 kA | 20 kA | ≤ 1.8 kV |
| N-PE | | | | | | | |
| SP12-25K-N | 83120005 | Neutral | 255 V | 25 kA | 50 kA | 25 kA | ≤ 1.5 kV |
| SP12-50K-N | 83120006 | Neutral | 255 V | 50 kA | 50 kA | 50 kA | ≤ 1.5 kV |

Surge-Trap® Pluggable STPT12 Series - 25kA

PRODUCT RANGE



STPT12-25K275V-1PM

1 Pole

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | | |
|--------------------|-------------|----------------|----------------|---------------------------|-------------------------|-----------------------|----------------------------------|--------|--------------|-------------|--|
| | | | | | | | | | L-N | N-PE | |
| L-N (1Ph) | | | | | | | | | | | |
| STPT12-25K275V-1P | 83120152 | 230 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | - | |
| STPT12-25K275V-1PM | 83120153 | 230 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | - | |
| N-PE (N) | | | | | | | | | | | |
| STPT12-100K-N | 83120166 | Neutral | 255 V | 100 kA | 100 kA | 50 kA | ≤ 1.5 kV | No | - | SP12-100K-N | |

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Surge-Trap® Pluggable STPT12 Series - 25kA

PRODUCT RANGE



STPT12-25K275V-2PM

2 Poles

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|---------------------|-------------|----------------|----------------|---------------------------|-------------------------|-----------------------|----------------------------------|--------|--------------|--------------|
| | | | | | | | | | L-N | N-PE |
| TT (1Ph+N) | | | | | | | | | | |
| STPT12-25K275V-2PG | 83120154 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | SP12-50K-2PN |
| STPT12-25K275V-2PGM | 83120155 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | SP12-50K-2PN |
| TNS (1Ph+N) | | | | | | | | | | |
| STPT12-25K275V-2P | 83120156 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | - |
| STPT12-25K275V-2PM | 83120157 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | - |



STPT12-25K275V-3PM

3 Poles

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|--------------------|-------------|----------------|----------------|---------------------------|-------------------------|-----------------------|----------------------------------|--------|--------------|------|
| | | | | | | | | | L-N | N-PE |
| TNC (3Ph) | | | | | | | | | | |
| STPT12-25K275V-3P | 83120158 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | - |
| STPT12-25K275V-3PM | 83120159 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | - |



STPT12-25K275V-4PM

4 Poles

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|---------------------|-------------|----------------|----------------|---------------------------|-------------------------|-----------------------|----------------------------------|--------|--------------|-------------|
| | | | | | | | | | L-N | N-PE |
| TT (3Ph+N) | | | | | | | | | | |
| STPT12-25K275V-4PG | 83120150 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | SP12-100K-N |
| STPT12-25K275V-4PGM | 83120151 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | SP12-100K-N |
| TNS (3Ph+N) | | | | | | | | | | |
| STPT12-25K275V-4P | 83120160 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | No | SP12-25K275V | - |
| STPT12-25K275V-4PM | 83120161 | 230 / 400 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV | Yes | SP12-25K275V | - |

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Surge-Trap® Pluggable STPT12 Series - 25kA

PRODUCT RANGE



SP12-25K275V

Replacement cartridges

| Catalog number | Item number | U _n | U _c | I _{imp} (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n |
|------------------|-------------|----------------|----------------|---------------------------|-------------------------|-----------------------|----------------------------------|
| L-N (1Ph) | | | | | | | |
| SP12-25K275V | 83120007 | 230 VAC | 275 V | 25 kA | 100 kA | 25 kA | ≤ 1.5 kV |
| N-PE (N) | | | | | | | |
| SP12-50K-2PN | 83120009 | Neutral | 255 V | 50 kA | 100 kA | 25 kA | ≤ 1.5 kV |
| SP12-100K-N | 83120008 | Neutral | 255 V | 100 kA | 100 kA | 50 kA | ≤ 1.5 kV |

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Surge-Trap® Pluggable STPT2 Series - 40kA

PRODUCT RANGE



STPT2-40K275V-1PM

1 Pole

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|-------------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|--------|--------------|-----------|
| | | | | | | | | L-N | N-PE |
| L-N (1Ph) | | | | | | | | | |
| STPT2-40K150V-1P | 83020104 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V | - |
| STPT2-40K150V-1PM | 83020105 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V | - |
| STPT2-40K275V-1P | 83020106 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V | - |
| STPT2-40K275V-1PM | 83020107 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V | - |
| STPT2-40K320V-1P | 83020108 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V | - |
| STPT2-40K320V-1PM | 83020109 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V | - |
| STPT2-40K440V-1P | 83020110 | 400 VAC | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V | - |
| STPT2-40K440V-1PM | 83020111 | 400 VAC | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V | - |
| STPT2-30K750V-1P | 83020100 | 690 VAC | 750 V | 30 kA | 15 kA | ≤ 3 kV | No | SP2-30K750V | - |
| STPT2-30K750V-1PM | 83020101 | 690 VAC | 750 V | 30 kA | 15 kA | ≤ 3 kV | Yes | SP2-30K750V | - |
| N-PE (N) | | | | | | | | | |
| STPT2-40K-N | 83020112 | Neutral | 277 V | 40 kA | 20 kA | ≤ 1.5 kV | No | - | SP2-40K-N |

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Surge-Trap® Pluggable STPT2 Series - 40kA

PRODUCT RANGE



STPT2-40K275V-2PM

2 Poles

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|----------------------------------|-------------|-------------------------------|----------------|-------------------------|-----------------------|-----------------------------------|--------|--------------|-----------|
| | | | | | | | | L-N | N-PE |
| TT (1Ph+N) | | | | | | | | | |
| STPT2-40K150V-2PG | 83020114 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP2-40K150V | SP2-40K-N |
| STPT2-40K150V-2PGM | 83020115 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP2-40K150V | SP2-40K-N |
| STPT2-40K275V-2PG | 83020116 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP2-40K275V | SP2-40K-N |
| STPT2-40K275V-2PGM | 83020117 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP2-40K275V | SP2-40K-N |
| STPT2-40K320V-2PG | 83020118 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP2-40K320V | SP2-40K-N |
| STPT2-40K320V-2PGM | 83020119 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP2-40K320V | SP2-40K-N |
| TNS (1Ph+N) | | | | | | | | | |
| STPT2-40K60V-2P | 83020128 | 48 VAC | 60 V | 40 kA | 20 kA | ≤ 0.7 kV | No | SP2-40K60V | - |
| STPT2-40K60V-2PM | 83020129 | 48 VAC | 60 V | 40 kA | 20 kA | ≤ 0.7 kV | Yes | SP2-40K60V | - |
| STPT2-40K75V-2P | 83020130 | 60 VAC | 75 V | 40 kA | 20 kA | ≤ 0.8 kV | No | SP2-40K75V | - |
| STPT2-40K75V-2PM | 83020131 | 60 VAC | 75 V | 40 kA | 20 kA | ≤ 0.8 kV | Yes | SP2-40K75V | - |
| STPT2-40K150V-2P | 83020120 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V | - |
| STPT2-40K150V-2PM | 83020121 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V | - |
| STPT2-40K275V-2P | 83020122 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V | - |
| STPT2-40K275V-2PM | 83020123 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V | - |
| STPT2-40K320V-2P | 83020124 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V | - |
| STPT2-40K320V-2PM | 83020125 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V | - |
| IT (Ph+N) TNS (1Ph+N) | | | | | | | | | |
| STPT2-40K440V-2P | 83020126 | 230 VAC (IT) 400 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V | - |
| STPT2-40K440V-2PM | 83020127 | 230 VAC (IT) 400 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V | - |

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Surge-Trap® Pluggable STPT2 Series - 40kA

PRODUCT RANGE



STPT2-40K275V-3PM

3 Poles

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No L-N |
|-------------------------------|-------------|--|----------------|-------------------------|-----------------------|----------------------------------|--------|---------------------|
| TNC (3Ph) | | | | | | | | |
| STPT2-40K150V-3P | 83020132 | 120 / 208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V |
| STPT2-40K150V-3PM | 83020133 | 120 / 208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V |
| STPT2-40K275V-3P | 83020134 | 230 / 400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V |
| STPT2-40K275V-3PM | 83020135 | 230 / 400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V |
| STPT2-40K320V-3P | 83020136 | 277 / 480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V |
| STPT2-40K320V-3PM | 83020137 | 277 / 480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V |
| STPT2-30K750V-3P | 83020102 | 400 / 690 VAC (IT) 690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 3 kV | No | SP2-30K750V |
| STPT2-30K750V-3PM | 83020103 | 400 / 690 VAC (IT) 690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 3 kV | Yes | SP2-30K750V |
| IT (3Ph) TNC (3Ph) | | | | | | | | |
| STPT2-40K440V-3P | 83020142 | 230 / 400 VAC (IT) 400 / 690 VAC (TNC) | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V |
| STPT2-40K440V-3PM | 83020143 | 230 / 400 VAC (IT) 400 / 690 VAC (TNC) | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V |
| IT (3ph) - Reinforced | | | | | | | | |
| STPT2-30K750V-3P-R | 83020213 | 690 VAC (IT) 690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 6 kV | No | SP2-30K750V |
| STPT2-30K750V-3P-RM | 83020214 | 690 VAC (IT) 690 / 1000 VAC (TNC) | 750 V | 30 kA | 15 kA | ≤ 6 kV | Yes | SP2-30K750V |
| STPT2-30K850V-3P-R | 83020201 | 800 VAC (IT) 690 / 1000 VAC (TNC) | 850 V | 30 kA | 15 kA | ≤ 6 kV | No | SP2-30K850V |
| STPT2-30K850V-3P-RM | 83020202 | 800 VAC (IT) 690 / 1000 VAC (TNC) | 850 V | 30 kA | 15 kA | ≤ 6 kV | Yes | SP2-30K850V |

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Surge-Trap® Pluggable STPT2 Series - 40kA

PRODUCT RANGE



STPT2-40K275V-4PM

4 Poles

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No | |
|-----------------------------------|-------------|---------------------------------------|----------------|----------------------------|--------------------------|-----------------------------------|--------|--------------|-----------|
| | | | | | | | | L-N | N-PE |
| TT (3Ph+N) | | | | | | | | | |
| STPT2-40K150V-4PG | 83020144 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP2-40K150V | SP2-40K-N |
| STPT2-40K150V-4PGM | 83020145 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP2-40K150V | SP2-40K-N |
| STPT2-40K275V-4PG | 83020146 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP2-40K275V | SP2-40K-N |
| STPT2-40K275V-4PGM | 83020147 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP2-40K275V | SP2-40K-N |
| STPT2-40K320V-4PG | 83020148 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP2-40K320V | SP2-40K-N |
| STPT2-40K320V-4PGM | 83020149 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP2-40K320V | SP2-40K-N |
| TNS (3Ph+N) | | | | | | | | | |
| STPT2-40K150V-4P | 83020150 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | No | SP2-40K150V | - |
| STPT2-40K150V-4PM | 83020151 | 120/208 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV | Yes | SP2-40K150V | - |
| STPT2-40K275V-4P | 83020152 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | No | SP2-40K275V | - |
| STPT2-40K275V-4PM | 83020153 | 230/400 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV | Yes | SP2-40K275V | - |
| STPT2-40K320V-4P | 83020154 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | No | SP2-40K320V | - |
| STPT2-40K320V-4PM | 83020155 | 277/480 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV | Yes | SP2-40K320V | - |
| IT (3Ph+N) TNS (3Ph+N) | | | | | | | | | |
| STPT2-40K440V-4P | 83020156 | 230/400 VAC (IT) 400/690 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | No | SP2-40K440V | - |
| STPT2-40K440V-4PM | 83020157 | 230/400 VAC (IT) 400/690 VAC (TNS) | 440 V | 40 kA | 20 kA | ≤ 2 kV | Yes | SP2-40K440V | - |

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Surge-Trap® Pluggable STPT2 Series - 40kA

PRODUCT RANGE



SP2-40K275V

Replacement cartridges

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n |
|----------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|
| L-N | | | | | | |
| SP2-40K60V | 83020008 | 48 VAC | 60 V | 40 kA | 20 kA | ≤ 0.7 kV |
| SP2-40K75V | 83020009 | 60 VAC | 75 V | 40 kA | 20 kA | ≤ 0.8 kV |
| SP2-40K150V | 83020001 | 120 VAC | 150 V | 40 kA | 20 kA | ≤ 1 kV |
| SP2-40K275V | 83020002 | 230 VAC | 275 V | 40 kA | 20 kA | ≤ 1.3 kV |
| SP2-40K320V | 83020003 | 277 VAC | 320 V | 40 kA | 20 kA | ≤ 1.5 kV |
| SP2-40K440V | 83020004 | 400 VAC | 440 V | 40 kA | 20 kA | ≤ 2 kV |
| SP2-30K750V | 83020007 | 690 VAC | 750 V | 30 kA | 15 kA | ≤ 3 kV |
| SP2-30K850V | 83020022 | 850 VAC | 850V | 30 kA | 15 kA | ≤ 3 kV |
| N-PE | | | | | | |
| SP2-40K-N | 83020000 | Neutral | 277 V | 40 kA | 20 kA | ≤ 1.5 kV |

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Surge-Trap® Pluggable STPT23 Series - 20kA

PRODUCT RANGE



STPT23-20K320V-1PM

1 Pole

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n | Remote | Cartridge No | |
|--------------------|-------------|--------------------|----------------|-------------------------|-----------------------|-----------------|----------------------------------|--------|--------------|------------|
| | | | | | | | | | L-N | N-PE |
| L-N (1Ph) | | | | | | | | | | |
| STPT23-20K150V-1P | 83230100 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V | - |
| STPT23-20K150V-1PM | 83230101 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V | - |
| STPT23-20K320V-1P | 83230102 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V | - |
| STPT23-20K320V-1PM | 83230103 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V | - |
| N-PE (N) | | | | | | | | | | |
| STPT23-20K-N | 83230106 | Neutral | 255 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | - | SP23-20K-N |



STPT23-20K320V-2PM

2 Poles

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n | Remote | Cartridge No | |
|------------------------|-------------|--------------------|----------------|-------------------------|-----------------------|-----------------|-----------------------------------|--------|-----------------|------------|
| | | | | | | | | | L-N | N-PE |
| TT (1Ph+N) | | | | | | | | | | |
| STPT23-20K150V-2PG | 83230108 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K150V | SP23-20K-N |
| STPT23-20K150V-2PGM | 83230109 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K150V | SP23-20K-N |
| STPT23-20K275V-2PG-LF | 83230110 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K275V-2PG-LFM | 83230111 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K320V-2PG | 83230112 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K320V | SP23-20K-N |
| STPT23-20K320V-2PGM | 83230113 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K320V | SP23-20K-N |
| TNS (1Ph+N) | | | | | | | | | | |
| STPT23-20K150V-2P | 83230114 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V | - |
| STPT23-20K150V-2PM | 83230115 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V | - |
| STPT23-20K275V-2P-LF | 83230134 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | SP23-20K275V-LF | - |
| STPT23-20K275V-2P-LFM | 83230135 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | Yes | SP23-20K275V-LF | - |
| STPT23-20K320V-2P | 83230116 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V | - |
| STPT23-20K320V-2PM | 83230117 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V | - |

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Surge-Trap® Pluggable STPT23 Series - 20kA

PRODUCT RANGE



STPT23-20K320V-3PM

3 Poles

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n | Remote | Cartridge No | |
|-----------------------|-------------|--------------------------------|----------------|----------------------------|-----------------------|-----------------|----------------------------------|--------|-----------------|--|
| | | | | | | | | | L-N | |
| TNC (3Ph) | | | | | | | | | | |
| STPT23-20K150V-3P | 83230118 | 120 / 208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V | |
| STPT23-20K150V-3PM | 83230119 | 120 / 208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V | |
| STPT23-20K275V-3P-LF | 83230120 | 230 / 400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | SP23-20K275V-LF | |
| STPT23-20K275V-3P-LFM | 83230121 | 230 / 400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | Yes | SP23-20K275V-LF | |
| STPT23-20K320V-3P | 83230122 | 230 / 400 VAC 277 / 480 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V | |
| STPT23-20K320V-3PM | 83230123 | 230 / 400 VAC 277 / 480 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V | |



STPT23-20K320V-4PM

4 Poles

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n | Remote | Cartridge No | |
|------------------------|-------------|----------------------------|----------------|----------------------------|-----------------------|-----------------|-----------------------------------|--------|-----------------|------------|
| | | | | | | | | | L-N | N-PE |
| TT (3Ph+N) | | | | | | | | | | |
| STPT23-20K150V-4PG | 83230124 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K150V | SP23-20K-N |
| STPT23-20K150V-4PGM | 83230125 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K150V | SP23-20K-N |
| STPT23-20K275V-4PG-LF | 83230126 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K275V-4PG-LFM | 83230127 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K275V-LF | SP23-20K-N |
| STPT23-20K320V-4PG | 83230128 | 230/400 VAC 277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | No | SP23-20K320V | SP23-20K-N |
| STPT23-20K320V-4PGM | 83230129 | 230/400 VAC 277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.5 kV (N-PE) | Yes | SP23-20K320V | SP23-20K-N |
| TNS (3Ph+N) | | | | | | | | | | |
| STPT23-20K150V-4P | 83230130 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | No | SP23-20K150V | - |
| STPT23-20K150V-4PM | 83230131 | 120/208 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV | Yes | SP23-20K150V | - |
| STPT23-20K275V-4P-LF | 83230136 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | No | SP23-20K275V-LF | - |
| STPT23-20K275V-4P-LFM | 83230137 | 230/400 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV | Yes | SP23-20K275V-LF | - |
| STPT23-20K320V-4P | 83230132 | 230/400 VAC 277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | No | SP23-20K320V | - |
| STPT23-20K320V-4PM | 83230133 | 230/400 VAC 277/400 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV | Yes | SP23-20K320V | - |

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Surge-Trap® Pluggable STPT23 Series - 20kA

PRODUCT RANGE



SP23-20K320V

Replacement cartridges

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n |
|-----------------|-------------|--------------------|----------------|-------------------------|-----------------------|-----------------|----------------------------------|
| L-N | | | | | | | |
| SP23-20K150V | 83230001 | 120 VAC | 150 V | 20 kA | 10 kA | 10 kV | ≤ 0.8 kV |
| SP23-20K275V-LF | 83230003 | 230 VAC | 275 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV |
| SP23-20K320V | 83230002 | 230 VAC 277 VAC | 320 V | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV |
| N-PE | | | | | | | |
| SP23-20K-N | 83230000 | Neutral | 255 V | 20 kA | 10 kA | 10 kV | ≤ 1.5 kV |

Surge-Trap® Monobloc STET23 Series - 20kA with EMI Filter PRODUCT RANGE



STET23-20K275V-SPM

2 Poles

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | IL | Remote |
|-----------------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|------|--------|
| TT/TNS (1Ph+N) | | | | | | | | |
| STET23-20K150V-SPM | 83230401 | 120 VAC | 150 V | 20 kA | 10 kA | ≤ 0.8 kV | 20 A | Yes |
| STET23-20K275V-SPM | 83230403 | 230 VAC | 275 V | 20 kA | 10 kA | ≤ 1.2 kV | 20 A | Yes |

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Surge-Trap® Monobloc STMT23 Series

PRODUCT RANGE



STMT23-20K275V-SP-SM

2 Poles (Parallel)

| Catalog number | Item number | U _n | U _c /MCOV | I _{max} (8/20) | I _n (8/20) | U _{oc} | MLV | U _p at I _n | Remote |
|-----------------------|-------------|----------------|----------------------|-------------------------|-----------------------|-----------------|-------------------------------------|------------------------------------|--------|
| TT/TNS (1Ph+N) | | | | | | | | | |
| STMT23-20K275V-SP-S | 83230510 | 230 V | 275 VAC 365 VDC | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.4 kV (N-PE) | ≤ 1.4 kV (L-N) ≤ 1.4 kV (N-PE) | No |
| STMT23-20K275V-SP-SM | 83230511 | 230 V | 275 VAC 365 VDC | 20 kA | 10 kA | 10 kV | ≤ 1.4 kV (L-N) ≤ 1.4 kV (N-PE) | ≤ 1.4 kV (L-N) ≤ 1.4 kV (N-PE) | Yes |
| STMT23-6K150V-SP-S | 83230502 | 120 V | 150 VAC 200 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.61 kV (L-N) ≤ 1.03 kV (N-PE) | ≤ 0.7 kV (L-N) ≤ 0.9 kV (N-PE) | No |
| STMT23-6K150V-SP-SM | 83230503 | 120 V | 150 VAC 200 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.61 kV (L-N) ≤ 1.03 kV (N-PE) | ≤ 0.7 kV (L-N) ≤ 0.9 kV (N-PE) | Yes |
| STMT23-6K20V-SP-S | 83230500 | 12 V | 20 VAC 25 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.22 kV (L-N) ≤ 0.67 kV (N-PE) | ≤ 0.22 kV (L-N) ≤ 0.7 kV (N-PE) | No |
| STMT23-6K20V-SP-SM | 83230501 | 12 V | 20 VAC 25 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.22 kV (L-N) ≤ 0.67 kV (N-PE) | ≤ 0.22 kV (L-N) ≤ 0.7 kV (N-PE) | Yes |
| STMT23-6K30V-SP-S | 83230504 | 24 V | 30 VAC 36 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.26 kV (L-N) ≤ 0.78 kV (N-PE) | ≤ 0.22 kV (L-N) ≤ 0.7 kV (N-PE) | No |
| STMT23-6K30V-SP-SM | 83230505 | 24 V | 30 VAC 36 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.26 kV (L-N) ≤ 0.78 kV (N-PE) | ≤ 0.22 kV (L-N) ≤ 0.7 kV (N-PE) | Yes |
| STMT23-6K60V-SP-S | 83230506 | 48 V | 60 VAC 77 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N) ≤ 0.93 kV (N-PE) | ≤ 0.33 kV (L-N) ≤ 0.7 kV (N-PE) | No |
| STMT23-6K60V-SP-SM | 83230507 | 48 V | 60 VAC 77 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N) ≤ 0.93 kV (N-PE) | ≤ 0.33 kV (L-N) ≤ 0.7 kV (N-PE) | Yes |
| STMT23-6K75V-SP-S | 83230508 | 60 V | 75 VAC 100 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N) ≤ 0.93 kV (N-PE) | ≤ 0.5 kV (L-N) ≤ 0.9 kV (N-PE) | No |
| STMT23-6K75V-SP-SM | 83230509 | 60 V | 75 VAC 100 VDC | 6 kA | 3 kA | 6 kV | ≤ 0.48 kV (L-N) ≤ 0.93 kV (N-PE) | ≤ 0.5 kV (L-N) ≤ 0.9 kV (N-PE) | Yes |

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Surge-Trap® Signal - STS NET

PRODUCT RANGE



STS-NET-CAT5-1P

1 Pole

| Catalog number | Item number | U_n | U_c | I_n (8/20) | U_p at I_n | IL | Bandwidth (fg) | Protected Wires | Connection type |
|---------------------|-------------|-------------|-------------|--------------|-----------------------------|--------------|----------------|-----------------|-----------------|
| CAT 5 | | | | | | | | | |
| STS-NET-CAT5-1P | 83040510 | 5 V | 6 V | 0.25 A | ≤ 35 V | 0.1 A | 100 MHz | 4 Pairs | RJ45 |
| CAT 6 | | | | | | | | | |
| STS-NET-CAT6-1P | 83040520 | 5 V | 6 V | 0.25 A | ≤ 35 V | 0.1 A | 250 MHz | 4 Pairs | RJ45 |
| STS-NET-CAT6-PoE-1P | 83040525 | 5 V 48 V | 6 V 55 V | 0.25 A | ≤ 35 V ≤ 130 V | 0.1 A 1 A | 250 MHz | 4 Pairs | RJ45 |

Surge-Trap® Signal - STS PLC

PRODUCT RANGE



STS-PLC-30V-2W-C1

2W

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | IL | Bandwidth (fg) | Protected Wires | Connection type |
|-------------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|--------|----------------|-----------------|-----------------|
| STS-PLC-30V-2W | 83040220 | 24 V | 30 V | 5 kA | 5 kA | ≤ 45 | 0.3 A | 3 MHz | 2 Wires | Spring terminal |
| STS-PLC-30V-2W-C1 | 83040221 | 24 V | 30 V | 5 kA | 5 kA | ≤ 50 | 0.37 A | 3 MHz | 2 Wires | Spring terminal |
| STS-PLC-30V-2W-C2 | 83040222 | 24 V | 30 V | 5 kA | 5 kA | ≤ 60 | 0.35 A | 3 MHz | 2 Wires | Spring terminal |
| STS-PLC-30V-2W-C3 | 83040223 | 24 V | 30 V | 5 kA | 5 kA | ≤ 40 | 0.3 A | 3 MHz | 2 Wires | Spring terminal |



STS-PLC-30V-4W1

4W

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | IL | Bandwidth (fg) | Protected Wires | Connection type |
|-----------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|-------|----------------|-----------------|-----------------|
| STS-PLC-30V-4W1 | 83040211 | 24 V | 30 V | 5 kA | 5 kA | ≤ 120 V | 0.5 A | 2 MHz | 4 Wires | Spring terminal |

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Surge-Trap® Signal - STS 485

PRODUCT RANGE



STS485-7V-2W

2W

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | IL | Bandwidth (fg) | Protected Wires | Connection type |
|----------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|-------|----------------|-----------------|-----------------|
| STS485-7V-2W | 83040111 | 6 V | 7 V | 10 kA | 5 kA | ≤ 10 V (L/L) | 0.1 A | 1 MHz | 1 Pair | Terminal |
| STS485-16V-2W | 83040112 | 12 V | 16 V | 10 kA | 5 kA | ≤ 20 V (L/L) | 0.1 A | 1.2 MHz | 1 Pair | Terminal |
| STS485-27V-2W | 83040113 | 24 V | 27 V | 10 kA | 5 kA | ≤ 40 V (L/L) | 0.1 A | 4 MHz | 1 Pair | Terminal |
| STS485-56V-2W | 83040114 | 48 V | 56 V | 10 kA | 5 kA | ≤ 70 V (L/L) | 0.1 A | 5 MHz | 1 Pair | Terminal |



STS485-5V-4WG

WG

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | IL | Bandwidth (fg) | Protected Wires | Connection type |
|----------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|--------|----------------|-----------------|-----------------|
| STS485-5V-4WG | 83040120 | 5 V | 5.2 V | 10 kA | 10 kA | ≤ 30 V | 0.45 A | 60 MHz | 2 Pairs + GND | Terminal |



STS485-5K15V-3WI

3WI

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | IL | Bandwidth (fg) | Protected Wires | Connection type |
|------------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|--------|----------------|-----------------|-----------------|
| STS485-5K15V-3WI | 83040100 | 12 V | 15 V | 10 kA | 5 kA | ≤ 45 V (L/L) ≤ 400 V (L-PE) | 0.25 A | 10 MHz | 1 Pair + GND | Terminal |

SURGE PROTECTION

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Surge-Trap® Signal - STS RF

PRODUCT RANGE



STS-RF-N

RF

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Bandwidth (fg) | Impedance | Max. Power |
|------------------|-------------|----------------|----------------|-------------------------|-----------------------|----------------------------------|----------------|------------|------------|
| UHF (m-f) | | | | | | | | | |
| STS-RF-N | 83040715 | 24 V | 230 V | 20 kA | 10 kA | ≤ 600 V | 3000 MHz | 75 Ω (ohm) | 100 W |
| F (m-f) | | | | | | | | | |
| STS-RF-F | 83040725 | 24 V | 230 V | 20 kA | 10 kA | ≤ 600 V | 2500 MHz | 75 Ω (ohm) | 100 W |
| N (m-f) | | | | | | | | | |
| STS-RF-UHF | 83040735 | 24 V | 230 V | 20 kA | 10 kA | ≤ 600 V | 3000 MHz | 50 Ω (ohm) | 150 W |

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Surge-Trap® Signal - STS TEL

PRODUCT RANGE



STS-TEL-ADSL

DIN RAIL

| Catalog number | Item number | U_n | U_c | $I_{max} (8/20)$ | $I_n (8/20)$ | U_p at I_n | IL | Bandwidth (fg) | Protected Wires | Connection type |
|----------------|-------------|-------|-------|------------------|--------------|----------------|-------|----------------|-----------------|-----------------|
| STS-TEL-ADSL | 83040610 | 50 V | 180 V | 10 kA | 5 kA | ≤ 200 V | 0.1 A | 3 MHz | 1 Pair | Terminal |

Surge-Trap® Pluggable STPT1+2 Series - 5kA PV

PRODUCT RANGE



STPT12-5K1000V-YPVM

Large-scale and rooftop PV

| Catalog number | Item number | Number of poles/ phases | Ucpv | Iscpv | Iimp (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No L-N |
|---------------------|-------------|-------------------------|----------|-------|---------------|-------------------------|-----------------------|----------------------------------|--------|------------------|
| YPV | | | | | | | | | | |
| STPT12-5K1000V-YPV | 83120167 | 3 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | No | SP12-5K1000V-PV |
| STPT12-5K1000V-YPVM | 83120168 | 3 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP12-5K1000V-PV |
| STPT12-5K1500V-YPV | 83120193 | 3 | 1500 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 5 kV | No | SP12-5K1500V-PV |
| STPT12-5K1500V-YPVM | 83120194 | 3 | 1500 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 5 kV | Yes | SP12-5K1500V-PV |



STPT12-5K1000V-8YPVM

Multipole for multiple MPPT inverters

| Catalog number | Item number | Number of poles/ phases | Ucpv | Iscpv | Iimp (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No L-N |
|----------------------|-------------|-------------------------|----------|-------|---------------|-------------------------|-----------------------|----------------------------------|--------|------------------|
| Multiple MPPT | | | | | | | | | | |
| STPT12-5K1000V-5YPVM | 83120192 | 5 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP12-5K1000V-PV |
| STPT12-5K1000V-8YPVM | 83120190 | 8 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP12-5K1000V-PV |



SP12-5K1000V-PV

Replacement cartridges

| Catalog number | Item number | Ucpv | Iscpv | Iimp (10/350) | I _{max} (8/20) | I _n (8/20) | U _p at I _n |
|-----------------|-------------|----------|-------|---------------|-------------------------|-----------------------|----------------------------------|
| SP12-5K1000V-PV | 83120011 | 1060 VDC | 10 kA | 5 kA | 40 kA | 20 kA | ≤ 4 kV |
| SP12-5K1500V-PV | 83120023 | 750 VDC | 10 kA | 5 kA | 40 kA | 15 kA | ≤ 2,5 kV |

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Surge-Trap® Pluggable STPT2 Series - 40kA PV

PRODUCT RANGE



STPT2-40K1500V-YPVM

Large-scale and rooftop PV

| Catalog number | Item number | Number of poles/phases | Ucpv | Iscpv | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No L-N |
|---------------------|-------------|------------------------|----------|-------|-------------------------|-----------------------|----------------------------------|--------|------------------|
| Y PV | | | | | | | | | |
| STPT2-40K600V-YPV | 83020138 | 3 | 660 VDC | 10 kA | 40 kA | 20 kA | ≤ 2.6 kV | No | SP2-40K600V-PV |
| STPT2-40K600V-YPVM | 83020139 | 3 | 660 VDC | 10 kA | 40 kA | 20 kA | ≤ 2.6 kV | Yes | SP2-40K600V-PV |
| STPT2-40K1000V-YPV | 83020140 | 3 | 1060 VDC | 10 kA | 40 kA | 20 kA | ≤ 4 kV | No | SP2-40K1000V-PV |
| STPT2-40K1000V-YPVM | 83020141 | 3 | 1060 VDC | 10 kA | 40 kA | 20 kA | ≤ 4 kV | Yes | SP2-40K1000V-PV |
| STPT2-40K1500V-YPV | 83020158 | 3 | 1500 VDC | 10 kA | 40 kA | 15 kA | ≤ 5 kV | No | SP2-40K1500V-PV |
| STPT2-40K1500V-YPVM | 83020159 | 3 | 1500 VDC | 10 kA | 40 kA | 15 kA | ≤ 5 kV | Yes | SP2-40K1500V-PV |



STPT2-40K60V-2PM

Self-consumption PV

| Catalog number | Item number | Number of poles/phases | Ucpv | Iscpv | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No L-N |
|------------------|-------------|------------------------|--------|-------|-------------------------|-----------------------|----------------------------------|--------|------------------|
| U PV | | | | | | | | | |
| STPT2-40K60V-2P | 83020128 | 2 | 65 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.7 kV | No | SP2-40K60V |
| STPT2-40K60V-2PM | 83020129 | 2 | 65 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.7 kV | Yes | SP2-40K60V |
| STPT2-40K75V-2P | 83020130 | 2 | 80 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.8 kV | No | SP2-40K75V |
| STPT2-40K75V-2PM | 83020131 | 2 | 80 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.8 kV | Yes | SP2-40K75V |



STPT2-40K1000V-8YPVM

Multipole for multiple MPPT inverters

| Catalog number | Item number | Number of poles/phases | Ucpv | Iscpv | I _{max} (8/20) | I _n (8/20) | U _p at I _n | Remote | Cartridge No L-N |
|----------------------|-------------|------------------------|----------|-------|-------------------------|-----------------------|----------------------------------|--------|------------------|
| Multiple MPPT | | | | | | | | | |
| STPT2-40K1000V-5YPVM | 83020188 | 5 | 1060 VDC | 10 kA | 40 kA | 20 A | ≤ 4 kV | Yes | SP2-40K1000V-PV |
| STPT2-40K1000V-8YPVM | 83020204 | 8 | 1060 VDC | 10 kA | 40 kA | 20 A | ≤ 4 kV | Yes | SP2-40K1000V-PV |

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Surge-Trap® Pluggable STPT2 Series - 40kA PV

PRODUCT RANGE



SP2-40K1500V-PV

Replacement cartridges

| Catalog number | Item number | Ucpv | Iscpv | I _{max} (8/20) | I _n (8/20) | U _p at I _n |
|-----------------|-------------|---------|-------|-------------------------|-----------------------|----------------------------------|
| PV | | | | | | |
| SP2-40K60V | 83020008 | 65 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.35 kV |
| SP2-40K75V | 83020009 | 80 VDC | 1 kA | 40 kA | 20 kA | ≤ 0.4 kV |
| SP2-40K600V-PV | 83020005 | 330 VDC | 10 kA | 40 kA | 20 kA | ≤ 1.3 kV |
| SP2-40K1000V-PV | 83020006 | 530 VDC | 10 kA | 40 kA | 20 kA | ≤ 2 kV |
| SP2-40K1500V-PV | 83020010 | 750 VDC | 10 kA | 40 kA | 15 kA | ≤ 2.5 kV |

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Surge-Trap® Type 2+3 - for LED Lighting

PRODUCT RANGE



STLT23-10K320V-C12

STL

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n | IL |
|------------------------------------|-------------|----------------|----------------|-------------------------|-----------------------|-----------------|--------------------------------------|-------|
| C12 (1Ph+N / 2Ph-Universal) | | | | | | | | |
| STLT23-10K320V-C12 | 83230302 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.8 kV (L/N-GND) | 10 A |
| C2 (1Ph+N) | | | | | | | | |
| STLT23-10K320V-C2-WD | 83230323 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N) | 2.5 A |
| C4 (1Ph+N) | | | | | | | | |
| STLT23-10K320V-C4-WD | 83230322 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.8 kV (N-PE) | 2.5 A |



STLBT23-20K275V-C4-DD

STLB

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n | IL |
|-----------------------|-------------|----------------|----------------|-------------------------|-----------------------|-----------------|-----------------------------------|-------|
| C4 (1Ph+N) | | | | | | | | |
| STLBT23-20K275V-C4-DD | 83230321 | 230 VAC | 275 V | 20 kA | 10 kA | 20 kV | ≤ 1.5 kV (L-N) ≤ 1.8 kV (N-PE) | 2.5 A |

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Surge-Trap® Monobloc STMT23 Series for fusebox

PRODUCT RANGE



STMT23-10K320V-SP-SF

2 Poles (Series/Parallel) for Fusebox

| Catalog number | Item number | U _n | U _c | I _{max} (8/20) | I _n (8/20) | U _{oc} | U _p at I _n |
|----------------------|-------------|----------------|----------------|-------------------------|-----------------------|-----------------|-----------------------------------|
| C4 (1Ph+N) | | | | | | | |
| STMT23-10K320V-SP-SF | 83230512 | 230 VAC | 320 V | 10 kA | 5 kA | 10 kV | ≤ 1.5 kV (L-N) ≤ 1.8 kV (N-PE) |

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Surge-Trap® PCB Socket

PRODUCT RANGE



SB-PCB-1000PV-M

Photovoltaic (DC)

| Catalog number | Item number | Ucpv | Remote | Cartridge No L-N |
|-----------------|-------------|----------|--------|---------------------|
| SB-PCB-1000PV-M | 83050133 | 1000 VDC | Yes | SP2-40K1000V-PV |
| SB-PCB-1500PV-M | 83050135 | 1500 VDC | Yes | SP2-40K1500V-PV |



SB-PCB-275V-M

AC

| Catalog number | Item number | U _c | Remote | Cartridge No L-N |
|----------------|-------------|----------------|--------|---------------------|
| SB-PCB-275V-M | 83050119 | 275 V | Yes | SP2-40K275V |
| SB-PCB-320V-M | 83050121 | 320 V | Yes | SP2-40K320V |
| SB-PCB-440V-M | 83050123 | 440 V | Yes | SP2-40K440V |
| SB-PCB-750V-M | 83050127 | 750 V | Yes | SP2-30K750V |

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HIGH SPEED FUSES
FOR SEMICONDUCTOR
PROTECTION



IEC HIGH-SPEED CYLINDRICAL FUSE-LINKS AC PROTECTION 292 - 296

Protistor® size 10x38 aR (URB/D/L)292
 Protistor® size 10x38 gR292
 Protistor® size 14x51 aR293
 Protistor® size 14x51 gR293
 Protistor® size 22x58 aR294
 Protistor® size 22x58 gR295
 Protistor® size 27x60 aR (URGD)295
 Protistor® size 27x60 gR (gRB)296



FUSE HOLDERS FOR HIGH-SPEED CYLINDRICAL FUSE-LINKS 297 - 304

Modulostar® CUS10297
 UltraSafe™ US14298
 UltraSafe™ US22300
 Modulostar® CMS27 - Ultrasafe™ US27302
 Modulostar® CUSCC304



SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION 305 - 328

Protistor® size 30 aR305
 Protistor® size 31 aR307
 Protistor® size 32 aR310
 Protistor® size 33 aR313
 Protistor® size 2x32 and 2x33 aR316
 Protistor® size 70 aR317
 Protistor® size 71 aR319
 Protistor® size 72 aR321
 Protistor® size 73 aR323
 Protistor® size 2x72 and 2x73 aR325
 Protistor® size 70 gR326
 Protistor® size 71 gR326
 Protistor® size 72 gR327
 Protistor® size 73 gR328



MICROSWITCHES 329

Microswitches for Protistor® fuse-links329



SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION 330

Protistor® size 000/00 aR330



NH SQUARE BODY HIGH-SPEED FUSE-LINKS AC PROTECTION 332 - 334

Protistor® size NH 000, 00, 0, 1, 2, 3 aR332
 Protistor® size NH 000, 00, 1, 2, 3 gS334



MICROSWITCHES 335

Microswitches for Protistor NH fuse-links335

Protistor® size 10x38 aR (URB/D/L)
500 to 600VAC

PRODUCT RANGE



A060UD0.125T13

Size 10x38 aR 600VAC without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|--|----------------------------|-------------------------------------|---------|--------|
| A060UD0.100T13 | H077632 | 600 V | 0.1 A | 0.0012 A ² s | 200 kA | 0.4 W | 10 | 8 g |
| A060UD0.125T13 | J077633 | 600 V | 0.125 A | 0.0023 A ² s | 200 kA | 0.44 W | 10 | 8 g |
| A060UD0.160T13 | K077634 | 600 V | 0.16 A | 0.0052 A ² s | 200 kA | 0.48 W | 10 | 8 g |
| A060UD0.200T13 | L077635 | 600 V | 0.2 A | 0.008 A ² s | 200 kA | 0.58 W | 10 | 8 g |
| A060UD0.250T13 | M077636 | 600 V | 0.25 A | 0.018 A ² s | 200 kA | 0.6 W | 10 | 8 g |
| A060UD0.315T13 | N077637 | 600 V | 0.315 A | 0.033 A ² s | 200 kA | 0.73 W | 10 | 8 g |
| A060UD0.400T13 | P077638 | 600 V | 0.4 A | 0.056 A ² s | 200 kA | 0.8 W | 10 | 8 g |
| A060UD0.500T13 | Q077639 | 600 V | 0.5 A | 0.1 A ² s | 200 kA | 0.8 W | 10 | 8 g |
| A060UD0.630T13 | R077640 | 600 V | 0.63 A | 0.18 A ² s | 200 kA | 0.9 W | 10 | 8 g |



A050URD1T13I

Size 10x38 aR 500VAC with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| A050URD1T13I | P076925 | 500 V | 1 A | 0.4 A ² s | 3.6 A ² s | 50 kA | 0.7 W | 10 | 9.2 g |
| A050URD1.2T13I | H076597 | 500 V | 1.25 A | 0.13 A ² s | 1.7 A ² s | 50 kA | 0.91 W | 10 | 9.2 g |
| A050URD1.6T13I | G076596 | 500 V | 1.6 A | 0.31 A ² s | 2.2 A ² s | 50 kA | 1 W | 10 | 9.2 g |
| A050URD2T13I | Q076926 | 500 V | 2 A | 0.65 A ² s | 3.1 A ² s | 50 kA | 1.1 W | 10 | 9.2 g |
| A050URD2.5T13I | F076595 | 500 V | 2.5 A | 1.65 A ² s | 5.9 A ² s | 50 kA | 1.1 W | 10 | 9.2 g |
| A050URD3T13I | R076927 | 500 V | 3.15 A | 2.8 A ² s | 9 A ² s | 50 kA | 1.5 W | 10 | 9.2 g |
| A050URD4T13I | S076928 | 500 V | 4 A | 5.3 A ² s | 16 A ² s | 50 kA | 1.8 W | 10 | 9.2 g |
| A050URD5T13I | T076929 | 500 V | 5 A | 12.7 A ² s | 36 A ² s | 50 kA | 0.8 W | 10 | 9.2 g |
| A050URB6T13I | V076930 | 500 V | 6 A | 1.3 A ² s | 47 A ² s | 50 kA | 1.35 W | 10 | 9.2 g |
| A050URB8T13I | W076931 | 500 V | 8 A | 2.3 A ² s | 80 A ² s | 50 kA | 1.585 W | 10 | 9.2 g |
| A050URB10T13I | X076932 | 500 V | 10 A | 3.6 A ² s | 110 A ² s | 50 kA | 1.9 W | 10 | 9.2 g |
| A050URB12T13I | Y076933 | 500 V | 12 A | 5.25 A ² s | 150 A ² s | 50 kA | 2.3 W | 10 | 9.2 g |
| A050URB16T13I | Z076934 | 500 V | 16 A | 9.3 A ² s | 200 A ² s | 50 kA | 3.1 W | 10 | 9.2 g |
| A050URB20T13I | A076935 | 500 V | 20 A | 16 A ² s | 290 A ² s | 50 kA | 3.2 W | 10 | 9.2 g |
| A050URL25T13I | B076936 | 500 V | 25 A | 37 A ² s | 580 A ² s | 50 kA | 4.25 W | 10 | 9.2 g |
| A050URL30T13I | C076937 | 500 V | 30 A | 58 A ² s | 900 A ² s | 50 kA | 5.1 W | 10 | 9.2 g |

Protistor® size 10x38 gR
690VAC

PRODUCT RANGE



FR10GR69V3

Size 10x38 gR 690VAC without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR10GR69V1 | L1014563 | 690 V | 1 A | 0.17 A ² s | 0.48 A ² s | 160 kA | 0.8 W | 10 | 8 g |
| FR10GR69V1.25 | N1014565 | 690 V | 1.25 A | 0.18 A ² s | 0.55 A ² s | 160 kA | 1.5 W | 10 | 8 g |
| FR10GR69V1.5 | P1014566 | 690 V | 1.5 A | 0.31 A ² s | 0.8 A ² s | 160 kA | 1.2 W | 10 | 8 g |
| FR10GR69V2 | Q1014567 | 690 V | 2 A | 0.94 A ² s | 2.5 A ² s | 160 kA | 1.3 W | 10 | 8 g |
| FR10GR69V2.5 | T1014570 | 690 V | 2.5 A | 1.65 A ² s | 4.5 A ² s | 160 kA | 1.4 W | 10 | 8 g |
| FR10GR69V3 | V1014571 | 690 V | 3 A | 2.83 A ² s | 7.8 A ² s | 160 kA | 1.5 W | 10 | 8 g |
| FR10GR69V4 | W1014572 | 690 V | 4 A | 6.7 A ² s | 12 A ² s | 160 kA | 1.7 W | 10 | 8 g |
| FR10GR69V5 | X1014573 | 690 V | 5 A | 7 A ² s | 30 A ² s | 160 kA | 0.9 W | 10 | 8 g |
| FR10GR69V6 | Y1014574 | 690 V | 6 A | 9 A ² s | 40 A ² s | 160 kA | 1.4 W | 10 | 8 g |
| FR10GR69V8 | Z1014575 | 690 V | 8 A | 5.4 A ² s | 35 A ² s | 160 kA | 1.9 W | 10 | 8 g |
| FR10GR69V10 | A1014576 | 690 V | 10 A | 6.7 A ² s | 55 A ² s | 160 kA | 2.1 W | 10 | 8 g |
| FR10GR69V12.5 | C1014578 | 690 V | 12.5 A | 11 A ² s | 90 A ² s | 160 kA | 2.8 W | 10 | 8 g |
| FR10GR69V16 | D1014579 | 690 V | 16 A | 19 A ² s | 140 A ² s | 160 kA | 3 W | 10 | 8 g |
| FR10GR69V20 | E1014580 | 690 V | 20 A | 39 A ² s | 245 A ² s | 160 kA | 3.7 W | 10 | 8 g |
| FR10GR69V25 | F1014581 | 690 V | 25 A | 69 A ² s | 425 A ² s | 160 kA | 4.3 W | 10 | 8 g |
| FR10GR69V30 | G1014582 | 690 V | 30 A | 107 A ² s | 675 A ² s | 160 kA | 4.8 W | 10 | 8 g |
| FR10GR69V32 | H1014583 | 690 V | 32 A | 154 A ² s | 945 A ² s | 160 kA | 5.1 W | 10 | 8 g |

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Protistor® size 14x51 aR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



FR14AR69V16T

Size 14x51 aR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR14AR69V6T | P1056656 | 690 V | 6 A | 2.4 A ² s | 20 A ² s | 160 kA | 1.5 W | 10 | 20 g |
| FR14AR69V8T | Q1056657 | 690 V | 8 A | 3.3 A ² s | 30 A ² s | 160 kA | 2 W | 10 | 20 g |
| FR14AR69V10T | R1056658 | 690 V | 10 A | 4.3 A ² s | 40 A ² s | 160 kA | 3 W | 10 | 20 g |
| FR14AR69V12T | S1056659 | 690 V | 12 A | 5.4 A ² s | 55 A ² s | 160 kA | 4 W | 10 | 20 g |
| FR14AR69V16T | T1056660 | 690 V | 16 A | 11.3 A ² s | 100 A ² s | 160 kA | 5 W | 10 | 20 g |
| FR14AR69V20T | V1056661 | 690 V | 20 A | 21.7 A ² s | 160 A ² s | 160 kA | 5.5 W | 10 | 20 g |
| FR14AR69V25T | W1056662 | 690 V | 25 A | 45.3 A ² s | 345 A ² s | 160 kA | 6 W | 10 | 20 g |
| FR14AR69V32T | X1056663 | 690 V | 32 A | 77.4 A ² s | 500 A ² s | 160 kA | 7.7 W | 10 | 20 g |
| FR14AR69V40T | Y1056664 | 690 V | 40 A | 129.6 A ² s | 850 A ² s | 160 kA | 9.2 W | 10 | 20 g |
| FR14AR69V50T | Z1056665 | 690 V | 50 A | 241.1 A ² s | 1500 A ² s | 160 kA | 11.2 W | 10 | 20 g |
| FR14AR69V63T | A1056666 | 690 V | 63 A | 428.6 A ² s | 2600 A ² s | 160 kA | 14.3 W | 10 | 20 g |



FR14AR69V50

Size 14x51 aR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR14AR69V6 | H1027325 | 690 V | 6 A | 2.4 A ² s | 20 A ² s | 160 kA | 1.5 W | 10 | 20 g |
| FR14AR69V8 | J1027326 | 690 V | 8 A | 3.3 A ² s | 30 A ² s | 160 kA | 2 W | 10 | 20 g |
| FR14AR69V10 | K1027327 | 690 V | 10 A | 4.3 A ² s | 40 A ² s | 160 kA | 3 W | 10 | 20 g |
| FR14AR69V12 | L1027328 | 690 V | 12 A | 5.4 A ² s | 55 A ² s | 160 kA | 4 W | 10 | 20 g |
| FR14AR69V16 | M1027329 | 690 V | 16 A | 11.3 A ² s | 100 A ² s | 160 kA | 5 W | 10 | 20 g |
| FR14AR69V20 | N1027330 | 690 V | 20 A | 21.7 A ² s | 160 A ² s | 160 kA | 5.5 W | 10 | 20 g |
| FR14AR69V25 | P1027331 | 690 V | 25 A | 45.3 A ² s | 345 A ² s | 160 kA | 6 W | 10 | 20 g |
| FR14AR69V32 | Q1027332 | 690 V | 32 A | 77.4 A ² s | 500 A ² s | 160 kA | 7.7 W | 10 | 20 g |
| FR14AR69V40 | R1027333 | 690 V | 40 A | 129.6 A ² s | 850 A ² s | 160 kA | 9.2 W | 10 | 20 g |
| FR14AR69V50 | S1027334 | 690 V | 50 A | 241.1 A ² s | 1500 A ² s | 160 kA | 11.2 W | 10 | 20 g |
| FR14AR69V63 | T1027335 | 690 V | 63 A | 428.6 A ² s | 2600 A ² s | 160 kA | 14.3 W | 10 | 20 g |

Protistor® size 14x51 gR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



FR14GR69V63T

CP 14x51 gR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR14GR69V2T | D1017178 | 690 V | 2 A | 0.9 A ² s | 1.8 A ² s | 160 kA | 1.75 W | 10 | 20 g |
| FR14GR69V4T | E1017179 | 690 V | 4 A | 6.7 A ² s | 13 A ² s | 160 kA | 2.9 W | 10 | 20 g |
| FR14GR69V6T | F1017180 | 690 V | 6 A | 8 A ² s | 35 A ² s | 160 kA | 2 W | 10 | 20 g |
| FR14GR69V8T | G1017181 | 690 V | 8 A | 4.3 A ² s | 40 A ² s | 160 kA | 2.25 W | 10 | 20 g |
| FR14GR69V10T | H1017182 | 690 V | 10 A | 4.3 A ² s | 45 A ² s | 160 kA | 2.95 W | 10 | 20 g |
| FR14GR69V12T | J1017183 | 690 V | 12 A | 5.4 A ² s | 60 A ² s | 160 kA | 4.1 W | 10 | 20 g |
| FR14GR69V16T | K1017184 | 690 V | 16 A | 13.1 A ² s | 125 A ² s | 160 kA | 4.65 W | 10 | 20 g |
| FR14GR69V20T | L1017185 | 690 V | 20 A | 26.8 A ² s | 230 A ² s | 160 kA | 4.8 W | 10 | 20 g |
| FR14GR69V25T | M1017186 | 690 V | 25 A | 52.5 A ² s | 385 A ² s | 160 kA | 5.95 W | 10 | 20 g |
| FR14GR69V32T | Q1017189 | 690 V | 32 A | 96.7 A ² s | 700 A ² s | 160 kA | 6.9 W | 10 | 20 g |
| FR14GR69V40T | S1017191 | 690 V | 40 A | 210 A ² s | 1050 A ² s | 160 kA | 7.5 W | 10 | 20 g |
| FR14GR69V50T | T1017192 | 690 V | 50 A | 387 A ² s | 2250 A ² s | 160 kA | 8.75 W | 10 | 20 g |
| FR14GR69V63T | V1017193 | 690 V | 63 A | 617 A ² s | 2900 A ² s | 160 kA | 12.5 W | 10 | 20 g |

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Protistor® size 14x51 gR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



FR14GR69V63

CP 14x51 gR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR14GR69V1 | X1017195 | 690 V | 1 A | 0.2 A ² s | 0.3 A ² s | 160 kA | 1.15 W | 10 | 20 g |
| FR14GR69V2 | Y1017196 | 690 V | 2 A | 0.9 A ² s | 1.8 A ² s | 160 kA | 1.75 W | 10 | 20 g |
| FR14GR69V4 | Z1017197 | 690 V | 4 A | 6.7 A ² s | 13 A ² s | 160 kA | 2.9 W | 10 | 20 g |
| FR14GR69V6 | A1017198 | 690 V | 6 A | 8 A ² s | 35 A ² s | 160 kA | 2 W | 10 | 20 g |
| FR14GR69V8 | B1017199 | 690 V | 8 A | 4.3 A ² s | 40 A ² s | 160 kA | 2.25 W | 10 | 20 g |
| FR14GR69V10 | C1017200 | 690 V | 10 A | 4.3 A ² s | 45 A ² s | 160 kA | 2.95 W | 10 | 20 g |
| FR14GR69V12 | D1017201 | 690 V | 12 A | 5.4 A ² s | 60 A ² s | 160 kA | 4.1 W | 10 | 20 g |
| FR14GR69V16 | E1017202 | 690 V | 16 A | 13.1 A ² s | 125 A ² s | 160 kA | 4.65 W | 10 | 20 g |
| FR14GR69V20 | F1017203 | 690 V | 20 A | 26.8 A ² s | 230 A ² s | 160 kA | 4.8 W | 10 | 20 g |
| FR14GR69V25 | G1017204 | 690 V | 25 A | 52.5 A ² s | 385 A ² s | 160 kA | 5.95 W | 10 | 20 g |
| FR14GR69V32 | H1017205 | 690 V | 32 A | 96.7 A ² s | 700 A ² s | 160 kA | 6.9 W | 10 | 20 g |
| FR14GR69V40 | J1017206 | 690 V | 40 A | 210 A ² s | 1050 A ² s | 160 kA | 7.5 W | 10 | 20 g |
| FR14GR69V50 | K1017207 | 690 V | 50 A | 387 A ² s | 2250 A ² s | 160 kA | 8.75 W | 10 | 20 g |
| FR14GR69V63 | L1017208 | 690 V | 63 A | 617 A ² s | 2900 A ² s | 160 kA | 12.5 W | 10 | 20 g |

Protistor® size 22x58 aR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



FR22AR69V135T

Size 22x58 aR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR22AR69V25T | B1056667 | 690 V | 25 A | 32.4 A ² s | 300 A ² s | 160 kA | 8.5 W | 10 | 57 g |
| FR22AR69V32T | C1056668 | 690 V | 32 A | 60.3 A ² s | 650 A ² s | 160 kA | 10.5 W | 10 | 57 g |
| FR22AR69V40T | D1056669 | 690 V | 40 A | 101.8 A ² s | 950 A ² s | 160 kA | 12 W | 10 | 57 g |
| FR22AR69V50T | E1056670 | 690 V | 50 A | 217.6 A ² s | 1850 A ² s | 160 kA | 13.4 W | 10 | 57 g |
| FR22AR69V63T | F1056671 | 690 V | 63 A | 386.8 A ² s | 3100 A ² s | 160 kA | 15.5 W | 10 | 57 g |
| FR22AR69V80T | G1056672 | 690 V | 80 A | 840.1 A ² s | 6800 A ² s | 160 kA | 16 W | 10 | 57 g |
| FR22AR69V100T | H1056673 | 690 V | 100 A | 1890 A ² s | 13000 A ² s | 160 kA | 17.8 W | 10 | 57 g |
| FR22AR69V125T | J1056674 | 690 V | 125 A | 2897 A ² s | 15500 A ² s | 160 kA | 22.8 W | 10 | 57 g |
| FR22AR69V135T | K1056675 | 690 V | 135 A | 3360 A ² s | 18500 A ² s | 160 kA | 27 W | 10 | 57 g |



FR22AR69V63

Size 22x58 aR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR22AR69V25 | Y1027316 | 690 V | 25 A | 32.4 A ² s | 300 A ² s | 160 kA | 8.5 W | 10 | 57 g |
| FR22AR69V32 | Z1027317 | 690 V | 32 A | 60.3 A ² s | 650 A ² s | 160 kA | 10.5 W | 10 | 57 g |
| FR22AR69V40 | A1027318 | 690 V | 40 A | 101.8 A ² s | 950 A ² s | 160 kA | 12 W | 10 | 57 g |
| FR22AR69V50 | B1027319 | 690 V | 50 A | 217.6 A ² s | 1850 A ² s | 160 kA | 13.4 W | 10 | 57 g |
| FR22AR69V63 | C1027320 | 690 V | 63 A | 386.8 A ² s | 3100 A ² s | 160 kA | 15.5 W | 10 | 57 g |
| FR22AR69V80 | D1027321 | 690 V | 80 A | 840.1 A ² s | 6800 A ² s | 160 kA | 16 W | 10 | 57 g |
| FR22AR69V100 | E1027322 | 690 V | 100 A | 1890 A ² s | 13000 A ² s | 160 kA | 17.8 W | 10 | 57 g |
| FR22AR69V125 | F1027323 | 690 V | 125 A | 2897 A ² s | 15500 A ² s | 160 kA | 22.8 W | 10 | 57 g |
| FR22AR69V135 | G1027324 | 690 V | 135 A | 3360 A ² s | 18500 A ² s | 160 kA | 27 W | 10 | 57 g |

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Protistor® size 22x58 gR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



FR22GR69V12T

CP 22x58 gR with striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR22GR69V12T | W1018620 | 690 V | 12 A | 5.4 A ² s | 60 A ² s | 160 kA | 4.4 W | 10 | 60 g |
| FR22GR69V16T | X1018621 | 690 V | 16 A | 13.1 A ² s | 125 A ² s | 160 kA | 4.65 W | 10 | 60 g |
| FR22GR69V20T | Y1018622 | 690 V | 20 A | 17.1 A ² s | 160 A ² s | 160 kA | 7 W | 10 | 60 g |
| FR22GR69V25T | Z1018623 | 690 V | 25 A | 38.6 A ² s | 315 A ² s | 160 kA | 7.65 W | 10 | 60 g |
| FR22GR69V32T | A1018624 | 690 V | 32 A | 77.4 A ² s | 670 A ² s | 160 kA | 9.1 W | 10 | 60 g |
| FR22GR69V40T | B1018625 | 690 V | 40 A | 154 A ² s | 1050 A ² s | 160 kA | 9.5 W | 10 | 60 g |
| FR22GR69V50T | C1018626 | 690 V | 50 A | 292 A ² s | 2050 A ² s | 160 kA | 11.8 W | 10 | 60 g |
| FR22GR69V63T | D1018627 | 690 V | 63 A | 519 A ² s | 3350 A ² s | 160 kA | 13.6 W | 10 | 60 g |
| FR22GR69V80T | E1018628 | 690 V | 80 A | 1240 A ² s | 7600 A ² s | 160 kA | 13.8 W | 10 | 60 g |
| FR22GR69V100T | F1018629 | 690 V | 100 A | 2470 A ² s | 14500 A ² s | 160 kA | 16 W | 10 | 60 g |
| FR22GR69V125T | G1018630 | 690 V | 125 A | 3360 A ² s | 16800 A ² s | 160 kA | 22.8 W | 10 | 60 g |
| FR22GR69V135T | H1018631 | 690 V | 135 A | 4390 A ² s | 19800 A ² s | 160 kA | 25.5 W | 10 | 60 g |



FR22GR69V12

CP 22x58 gR without striker

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR22GR69V12 | W1018551 | 690 V | 12 A | 5.4 A ² s | 60 A ² s | 160 kA | 4.4 W | 10 | 60 g |
| FR22GR69V16 | X1018552 | 690 V | 16 A | 13.1 A ² s | 125 A ² s | 160 kA | 4.65 W | 10 | 60 g |
| FR22GR69V20 | Y1018553 | 690 V | 20 A | 17.1 A ² s | 160 A ² s | 160 kA | 7 W | 10 | 60 g |
| FR22GR69V25 | Z1018554 | 690 V | 25 A | 38.6 A ² s | 315 A ² s | 160 kA | 7.65 W | 10 | 60 g |
| FR22GR69V32 | A1018555 | 690 V | 32 A | 77.4 A ² s | 670 A ² s | 160 kA | 9.1 W | 10 | 60 g |
| FR22GR69V40 | B1018556 | 690 V | 40 A | 154 A ² s | 1050 A ² s | 160 kA | 9.5 W | 10 | 60 g |
| FR22GR69V50 | C1018557 | 690 V | 50 A | 292 A ² s | 2050 A ² s | 160 kA | 11.8 W | 10 | 60 g |
| FR22GR69V63 | D1018558 | 690 V | 63 A | 519 A ² s | 3350 A ² s | 160 kA | 13.6 W | 10 | 60 g |
| FR22GR69V80 | E1018559 | 690 V | 80 A | 1240 A ² s | 7600 A ² s | 160 kA | 13.8 W | 10 | 60 g |
| FR22GR69V100 | F1018560 | 690 V | 100 A | 2470 A ² s | 14500 A ² s | 160 kA | 16 W | 10 | 60 g |
| FR22GR69V125 | G1018561 | 690 V | 125 A | 3360 A ² s | 16800 A ² s | 160 kA | 22.8 W | 10 | 60 g |
| FR22GR69V135 | H1018562 | 690 V | 135 A | 4390 A ² s | 19800 A ² s | 160 kA | 25.5 W | 10 | 60 g |

Protistor® size 27x60 aR (URGD)
600VAC to 690VAC

PRODUCT RANGE



FR27UD69V125T

Size 27x60 aR (URGD) 600 to 690VAC with trip-indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Rated breaking capacity AC | Power dissipation at I _n | Operating I ² t at Rated Voltage | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|----------------------------|-------------------------------------|---|---------|--------|
| FR27UD69V63T | A076820 | 690 V | 63 A | 0.405 kA ² s | 200 kA | 22 W | 1.84 kA ² s | 10 | 80 g |
| FR27UD69V80T | B076821 | 690 V | 80 A | 0.86 kA ² s | 200 kA | 24.6 W | 3.75 kA ² s | 10 | 80 g |
| FR27UD69V100T | C076822 | 690 V | 100 A | 1.62 kA ² s | 200 kA | 27 W | 6.8 kA ² s | 10 | 80 g |
| FR27UD69V125T | D076823 | 690 V | 125 A | 3.425 kA ² s | 200 kA | 29.9 W | 13.6 kA ² s | 10 | 80 g |
| FR27UD69V160T | E076824 | 690 V | 160 A | 6.48 kA ² s | 200 kA | 32.5 W | 24.6 kA ² s | 10 | 80 g |
| FR27UD69V200T | F076825 | 690 V | 200 A | 13.7 kA ² s | 200 kA | 35.7 W | 61.5 kA ² s | 10 | 80 g |
| FR27UD60V250T | W076264 | 600 V | 250 A | 29.6 kA ² s | 200 kA | 40 W | 107 kA ² s | 10 | 80 g |

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Protistor® size 27x60 gR (gRB)
800VAC (IEC)

PRODUCT RANGE



FR27GB80V10T

Size 27x60 gRB 800VAC with trip-indicator

| Catalog number | Item number | Size | Rated voltage AC (IEC) | Rated current I _n | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|-------|------------------------|------------------------------|--|----------------------------|-------------------------------------|---------|--------|
| FR27GB80V8T | R221436 | 26x60 | 800 V | 8 A | 70 A ² s | 90 kA | 2 W | 3/10 | 80 g |
| FR27GB80V100T | D221447 | 26x60 | 800 V | 100 A | 19000 A ² s | 90 kA | 13 W | 3/10 | 80 g |
| FR27GB80V110T | E221448 | 26x60 | 800 V | 110 A | 27000 A ² s | 90 kA | 14 W | 3/10 | 80 g |
| FR27GB80V10T | S221437 | 26x60 | 800 V | 10 A | 100 A ² s | 90 kA | 2.3 W | 3/10 | 80 g |
| FR27GB80V12T | T221438 | 26x60 | 800 V | 12 A | 180 A ² s | 90 kA | 2.5 W | 3/10 | 80 g |
| FR27GB80V16T | V221439 | 26x60 | 800 V | 16 A | 250 A ² s | 90 kA | 3.5 W | 3/10 | 80 g |
| FR27GB80V20T | W221440 | 26x60 | 800 V | 20 A | 350 A ² s | 90 kA | 4 W | 3/10 | 80 g |
| FR27GB80V25T | X221441 | 26x60 | 800 V | 25 A | 600 A ² s | 90 kA | 5 W | 3/10 | 80 g |
| FR27GB80V32T | Y221442 | 26x60 | 800 V | 32 A | 1000 A ² s | 90 kA | 6 W | 3/10 | 80 g |
| FR27GB80V40T | Z221443 | 26x60 | 800 V | 40 A | 1400 A ² s | 90 kA | 8 W | 3/10 | 80 g |
| FR27GB80V50T | A221444 | 26x60 | 800 V | 50 A | 2700 A ² s | 90 kA | 8.5 W | 3/10 | 80 g |
| FR27GB80V63T | B221445 | 26x60 | 800 V | 63 A | 5500 A ² s | 90 kA | 10 W | 3/10 | 80 g |
| FR27GB80V80T | C221446 | 26x60 | 800 V | 80 A | 11000 A ² s | 90 kA | 11.5 W | 3/10 | 80 g |

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Modulostar® CUS10
Modular fuse-holders

PRODUCT RANGE



CUS101

Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package |
|----------------|-------------|------------------------|---------------------------------------|---------|
| CUS101 | G1062721 | 1 | CUS10 single pole | 12 |
| CUS101N | C1062717 | 1+N | CUS10 single pole + neutral conductor | 6 |
| CUS102 | D1062718 | 2 | CUS10 double pole | 6 |
| CUS103 | A1062715 | 3 | CUS10 triple pole | 4 |
| CUS103N | W1062711 | 3+N | CUS10 triple pole + neutral conductor | 3 |
| CUS104 | X1062712 | 4 | CUS10 quadruple pole | 3 |
| CUS10N | H1062722 | N | CUS10 neutral conductor | 12 |



CUS101I

Modulostar™ compact fuse holders for 10.3x38.1 fuse-links, with standard indicator

| Catalog number | Item number | Number of poles/phases | Design | Voltage limit for blown fuse indicator | Package |
|----------------|-------------|------------------------|---------------------------------------|---|---------|
| CUS101I | J1062723 | 1 | CUS10 single pole | - | 12 |
| CUS101NI | E1062719 | 1+N | CUS10 single pole + neutral conductor | - | 6 |
| CUS102I | F1062720 | 2 | CUS10 double pole | - | 6 |
| CUS103I | B1062716 | 3 | CUS10 triple pole | - | 4 |
| CUS103NI | Y1062713 | 3+N | CUS10 triple pole + neutral conductor | - | 3 |
| CUS104I | Z1062714 | 4 | CUS10 quadruple pole | - | 3 |
| - | on demand | - | Version with special indicator | Standard: 220V-700V AC/DC Very low: 20V-50V AC/DC Low: 50V-250V AC/DC 1000V: 220 - 1000V AC/DC | - |

ACCESSORIES



CMS810PAK

Kit for multi phase connection

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---|---------|--------|
| CMS810PAK | Z233725 | Links for connection of multipole units | 12 | 0.5 g |



LOCK

Locking devices

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|----------|---------|---------|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |

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Modulostar® CUS10
Modular fuse-holders

ACCESSORIES



CMS810BB1F13



CMS810BB2F6

Wiring bars / Insulated bus bars

| Catalog number | Item number | Application | Features | Package | Weight |
|----------------|-------------|--|--|---------|---------|
| CMS810BB1F13 | T210306 | Max. rms current 63A, for installation of 13 modules | single pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 33.5 g |
| CMS810BB2F6 | V210307 | Max. rms current 63A, for installation of 6 modules | double pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 80 g |
| CMS810BB3F4 | W210308 | Max. rms current 100A, for installation of 4 modules | triple pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 84 g |
| CMS810BB4F3 | X210309 | Max. rms current 100A, for installation of 3 modules | quadruple pole, 10 mm ² , partition 17,5 mm (distance of poles), peg design, L-shaped | 10 | 0.12 kg |

UltraSafe™ US14
Modular fuse-holders

PRODUCT RANGE



US143

UltraSafe™ fuse holders for 14x51 fuse links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|--------------------------------------|---------|---------|
| US141 | Z331153 | 1 | US14 single pole | 6 | 0.14 kg |
| US141N | D331157 | 1 + N | US14 single pole + neutral conductor | 3 | 0.30 kg |
| US142 | G331137 | 2 | US14 double pole | 3 | 0.28 kg |
| US143 | N331143 | 3 | US14 triple pole | 2 | 0.43 kg |
| US143N | X331151 | 3 + N | US14 triple pole + neutral conductor | 1 | 0.6 kg |



US141I

UltraSafe™ fuse holders for 14x51 fuse links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|------------------|---------|---------|
| US141I | A331154 | 1 | US14 single pole | 6 | 0.14 kg |
| US142I | H331138 | 2 | US14 double pole | 3 | 0.3 kg |
| US143I | P331144 | 3 | US14 triple pole | 2 | 0.44 kg |

UltraSafe™ fuse holders for 14x51 fuse-links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|-----------------------------------|---------|---------|
| US142M | J331139 | 2 | US14 double pole, 2 microswitches | 3 | 0.31 kg |



US143MI

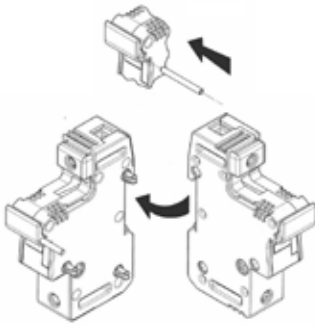
UltraSafe™ fuse holders for 14x51 fuse-links, with indicator and auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|------------------|---------|---------|
| US141MI | C331156 | 1 | US14 single pole | 6 | 0.15 kg |
| US142MI | K331140 | 2 | US14 double pole | 3 | 0.31 kg |
| US142M2I | M331142 | 2 | US14 double pole | 3 | 0.28 kg |
| US143MI | S331147 | 3 | US14 triple pole | 2 | 0.46 kg |
| US143M2I | W331150 | 3 | US14 triple pole | 2 | 0.46 kg |

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UltraSafe™ US14
Modular fuse-holders

ACCESSORIES



Multiphase connection kit

Kit for multi phase connection

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| US14PAK | US14PAK | links for connection of multipole units | 10 | 2.5 g |

Indication facilities

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---------------------|---------|--------|
| CMS1422LHI | A225653 | Indicator light kit | 1 | 10 g |

Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|--------------------------------------|---------|--------|
| USMSW1 | Y227928 | Auxiliary contact kit 1 pole US14 | 1 | 25 g |
| USMSW2 | Z227929 | Auxiliary contact kit 3 poles US14 | 1 | 20 g |
| USMSW3 | A227930 | 2 Auxiliary contact kit 3 poles US14 | 1 | 27 g |



LOCK

Locking devices

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|----------|---------|---------|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |



TBB1A



TBB1C



TBB23A



TBB23C

Power supply

| Catalog number | Item number | Application | Features | Package | Weight |
|----------------|-------------|----------------------|--|---------|--------|
| TBB1A | D210315 | Max. rms current 90A | 1 phase axial incoming power supply | 50 | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 1 phase lateral incoming power supply | 50 | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 2 & 3 phases axial incoming power supply | 50 | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 2 & 3 phases lateral incoming power supply | 50 | 23.1 g |

Wiring bars / Insulated bus bars



| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|-------------|--|---------|---------|
| CMS14BB3F4 | A210312 | triple pole | Max. rms current 100A, for installation of 4 modules | 5 | 0.12 kg |
| CMS14BB2F6 | Z210311 | double pole | Max. rms current 63A, for installation of 6 modules | 5 | 0.1 kg |
| CMS14BB1F12 | Y210310 | single pole | Max. rms current 63A, for installation of 12 modules | 5 | 47.4 g |

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UltraSafe™ US22
Modular fuse-holders

PRODUCT RANGE



US221

UltraSafe™ fuse holders for 22x58 fuse links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| US223 | R331169 | 3 | triple pole | 2 | 0.64 kg |
| US223N | X331174 | 3 + N | triple pole + neutral conductor | 1 | 0.91 kg |
| US221 | E331158 | 1 | single pole | 6 | 0.21 kg |
| US222 | K331163 | 2 | double pole | 3 | 0.44 kg |
| US221N | H331161 | 1 + N | single pole + neutral conductor | 3 | 0.45 kg |



US223I

UltraSafe™ fuse holders for 22x58 fuse links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|-------------|---------|---------|
| US221I | F331159 | 1 | single pole | 6 | 0.22 kg |
| US222I | L331164 | 2 | double pole | 3 | 0.33 kg |
| US223I | S331170 | 3 | triple pole | 2 | 0.44 kg |



US222M

UltraSafe™ fuse holders for 22x58 fuse links, with auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| US221M | G331160 | 1 | single pole | 6 | 0.15 kg |
| US221NM | J331162 | 1 + N | single pole + neutral conductor | 3 | 0.47 kg |
| US222M | M331165 | 2 | double pole | 3 | 0.46 kg |
| US222M2 | P331167 | 2 | double pole | 3 | 0.46 kg |
| US223M | T331171 | 3 | triple pole | 2 | 0.67 kg |
| US223M2 | W331173 | 3 | triple pole | 2 | 0.67 kg |



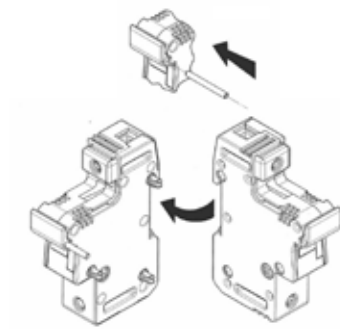
US222MI

UltraSafe™ fuse holders for 22x58 fuse links, with indicator and auxiliary microswitch

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|-------------|---------|---------|
| US221MI | Z1006203 | 1 | single pole | 6 | 0.22 kg |
| US222MI | N331166 | 2 | double pole | 3 | 0.46 kg |
| US223M2I | X1011974 | 3 | triple pole | 2 | 0.65 kg |
| US222M2I | Q331168 | 2 | double pole | 3 | 0.47 kg |
| US223MI | V331172 | 3 | triple pole | 2 | 0.68 kg |

UltraSafe™ US22
Modular fuse-holders

ACCESSORIES



multiphase connection kit

Kit for multi phase connection

| Catalog number | Item number | Design | Package |
|----------------|-------------|---|---------|
| US22PAK | US22PAK | links for connection of multipole units | 10 |

Indication facilities

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---------------------|---------|--------|
| CMS1422LHI | A225653 | Indicator light kit | 1 | 10 g |

Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| CMS22W2 | B331201 | Auxiliary microswitch kit 3 poles CMS22 | 1 | 32 g |
| CMS22W3 | N331189 | 2 Auxiliary microswitches kit 3 poles CMS22 | 1 | 35 g |
| USMSW4 | G227959 | Auxiliary contact kit 1 pole US22 | 1 | 20 g |



LOCK

Locking devices

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|----------|---------|---------|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |



Power supply

| Catalog number | Item number | Application | Features | Package | Weight |
|----------------|-------------|----------------------|--|---------|--------|
| TBB1A | D210315 | Max. rms current 90A | 1 phase axial incoming power supply | 50 | 10.1 g |
| TBB1C | E210316 | Max. rms current 90A | 1 phase lateral incoming power supply | 50 | 10 g |
| TBB23A | F210317 | Max. rms current 90A | 2 & 3 phases axial incoming power supply | 50 | 23.3 g |
| TBB23C | G210318 | Max. rms current 90A | 2 & 3 phases lateral incoming power supply | 50 | 23.1 g |

Wiring bars / Insulated bus bars



| Catalog number | Item number | Design | Application | Package | Weight |
|----------------|-------------|-------------|--|---------|---------|
| CMS22BB2F6 | C210314 | double pole | Max. rms current 150A, for installation of 6 modules | 5 | 0.30 kg |
| CMS22BB1F12 | B210313 | single pole | Max. rms current 90A, for installation of 12 modules | 5 | 81 g |

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Modulostar® CMS27 - Ultrasafe™ US27
Modular fuse-holders

PRODUCT RANGE



CMS271

Modulostar® fuse holders for 27x60 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| CMS271 | R210580 | 1 | single pole | 3 | 0.30 kg |
| CMS271N | S210581 | 1 + N | single pole + neutral conductor | 1 | 0.72 kg |
| CMS272 | T210582 | 2 | double pole | 1 | 0.67 kg |
| CMS273 | V210583 | 3 | triple pole | 1 | 0.91 kg |
| CMS273N | W210584 | 3 + N | triple pole + neutral conductor | 1 | 1.25 kg |
| CMS27N | B210152 | N | neutral conductor | 3 | 0.37 kg |



US271I

UltraSafe™ fuse holders for 27x60 fuse-links, with indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| US271I | J226420 | 1 | single pole | 3 | 0.30 kg |
| US271NI | K226421 | 1+N | single pole + neutral conductor | 1 | 0.73 kg |
| US272I | L226422 | 2 | double pole | 1 | 0.67 kg |
| US273I | M226423 | 3 | triple pole | 3 | 1 kg |
| US273NI | N226424 | 3+N | triple pole + neutral conductor | 1 | 1.27 kg |



US271

UltraSafe™ fuse holders for 27x60 fuse-links, without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|-------------------|---------|---------|
| US271 | G320005 | 1 | single pole | 3 | 0.30 kg |
| US272 | H320006 | 2 | double pole | 1 | 0.66 kg |
| US273 | J320007 | 3 | triple pole | 3 | 0.9 kg |
| US27N | R232729 | N | neutral conductor | 3 | 0.37 kg |



US271MI

UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch and indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|------------------------------|---------|---------|
| US271MI | R227600 | 1 | single pole | 1 | 0.32 kg |
| US272M2I | T227602 | 2 | double pole, 2 microswitches | 1 | 0.7 kg |
| US272MI | S227601 | 2 | double pole, 1 microswitch | 1 | 0.68 kg |

UltraSafe™ fuse holders for 27x60 fuse-links, with auxiliary microswitch, indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|------------------------------|---------|---------|
| US271MIRING | Z227607 | 1 | single pole | 1 | 0.54 kg |
| US272M2IRING | B227609 | 2 | double pole, 2 microswitches | 1 | 1.00 kg |

Modulostar® CMS27 - Ultrasafe™ US27

Modular fuse-holders

PRODUCT RANGE

UltraSafe™ fuse holders for 27x60 fuse-links, with indicator and ring lug connection

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------|---------|---------|
| US271NIRING | E223518 | 1+N | single pole + neutral conductor | 1 | 0.8 kg |
| US27IRING | B223515 | 1 | single pole | 3 | 0.47 kg |
| US272IRING | C223516 | 2 | double pole | 1 | 1.00 kg |
| US273IRING | D223517 | 3 | triple pole | 3 | 1.39 kg |
| US27NIRING | F223519 | N | neutral conductor | 3 | 0.34 kg |

ACCESSORIES

Kit for multi phase connection

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|---|---------|--------|
| US27PAK | H227615 | links for connection of multipole units | 10 | 3 g |

Auxiliary Switches

| Catalog number | Item number | Design | Package | Weight |
|----------------|-------------|-----------------|---------|--------|
| US27W1 | E227612 | Microswitch kit | 1 | 20 g |

Modulostar® CUSCC

PRODUCT RANGE



CUSCC1

Modulostar™ CUSCC without indicator

| Catalog number | Item number | Number of poles/phases | Design | Package | Weight |
|----------------|-------------|------------------------|---------------------------------------|---------|---------|
| CUSCC1 | N1062796 | 1 | CUSCC single pole | 12 | 70 g |
| CUSCC1N | J1062792 | 1 + N | CUSCC single pole + neutral conductor | 6 | 0.13 kg |
| CUSCC2 | K1062793 | 2 | CUSCC double pole | 6 | 0.12 kg |
| CUSCC3 | G1062790 | 3 | CUSCC triple pole | 4 | 0.2 kg |
| CUSCC3N | C1062786 | 3 + N | CUSCC triple pole + neutral conductor | 3 | 0.25 kg |
| CUSCC4 | D1062787 | 4 | CUSCC quadruple pole | 3 | 0.24 kg |



CUSCC1I

Modulostar™ CUSCC with standard indicator

| Catalog number | Item number | Number of poles/phases | Design | Voltage limit for blown fuse indicator | Package | Weight |
|----------------|-------------|------------------------|---------------------------------------|---|---------|---------|
| CUSCC1I | P1062797 | 1 | CUSCC single pole | - | 12 | 70 g |
| CUSCC1NI | L1062794 | 1 + N | CUSCC single pole + neutral conductor | - | 6 | 0.13 kg |
| CUSCC2I | M1062795 | 2 | CUSCC double pole | - | 6 | 0.13 kg |
| CUSCC3I | H1062791 | 3 | CUSCC triple pole | - | 4 | 0.2 kg |
| CUSCC3NI | E1062788 | 3 + N | CUSCC triple pole + neutral conductor | - | 3 | 0.25 kg |
| CUSCC4I | F1062789 | 4 | CUSCC quadruple pole | - | 3 | 0.24 kg |
| - | on demand | - | Version with special indicator | Standard: 220V-700V AC/DC Very low: 20V-50V AC/DC Low: 50V-250V AC/DC | - | - |

ACCESSORIES



CMS810PAK

Kit for multi phase connection

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|---|---------|--------|
| CMS810PAK | Z233725 | Links for connection of multipole units | 12 | 0.5 g |



LOCK

Locking devices

| Catalog number | Item number | Features | Package | Weight |
|----------------|-------------|----------|---------|---------|
| LOCK | M223525 | Padlock | 1 | 0.48 kg |

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Protistor® size 30 aR
600 - 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC30UD69V100TF

Size 30 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC30UD69V50TF | S300373 | 690 V | 700 V | 50 A | 0.116 kA ² s | 0.68 kA ² s | 200 kA | 9 W | 3 | 0.25 kg |
| PC30UD69V63TF | M300000 | 690 V | 700 V | 63 A | 0.2 kA ² s | 1.2 kA ² s | 200 kA | 14 W | 3 | 0.25 kg |
| PC30UD69V80TF | S300051 | 690 V | 700 V | 80 A | 0.33 kA ² s | 1.9 kA ² s | 200 kA | 19 W | 3 | 0.25 kg |
| PC30UD69V100TF | T300052 | 690 V | 700 V | 100 A | 0.47 kA ² s | 2.7 kA ² s | 200 kA | 26 W | 3 | 0.25 kg |
| PC30UD69V125TF | V300053 | 690 V | 700 V | 125 A | 0.85 kA ² s | 4.9 kA ² s | 200 kA | 30 W | 3 | 0.25 kg |
| PC30UD69V160TF | W300054 | 690 V | 700 V | 160 A | 1.6 kA ² s | 9.2 kA ² s | 200 kA | 37 W | 3 | 0.25 kg |
| PC30UD69V200TF | X300055 | 690 V | 700 V | 200 A | 3 kA ² s | 16.7 kA ² s | 200 kA | 42 W | 3 | 0.25 kg |
| PC30UD69V250TF | Y300056 | 690 V | 700 V | 250 A | 5.8 kA ² s | 32.4 kA ² s | 200 kA | 48 W | 3 | 0.25 kg |
| PC30UD69V315TF | Z300057 | 690 V | 700 V | 315 A | 12 kA ² s | 67 kA ² s | 200 kA | 53 W | 3 | 0.25 kg |
| PC30UD69V350TF | A300058 | 690 V | 700 V | 350 A | 15.5 kA ² s | 86 kA ² s | 200 kA | 57 W | 3 | 0.25 kg |
| PC30UD69V400TF | B300059 | 690 V | 700 V | 400 A | 23 kA ² s | 130 kA ² s | 200 kA | 60 W | 3 | 0.25 kg |
| PC30UD69V450TF | V300398 | 690 V | 700 V | 450 A | 26 kA ² s | 165 kA ² s | 200 kA | 80 W | 3 | 0.25 kg |
| PC30UD69V500TF | W300399 | 690 V | 700 V | 500 A | 41 kA ² s | 264 kA ² s | 200 kA | 80 W | 3 | 0.25 kg |
| PC30UD69V550TF | X300400 | 690 V | 700 V | 550 A | 52 kA ² s | 330 kA ² s | 200 kA | 80 W | 3 | 0.25 kg |
| PC30UD60V630TF | L301770 | 600 V | 650 V | 630 A | 84 kA ² s | 450 kA ² s | 200 kA | 85 W | 3 | 0.25 kg |



A070UD30TTI550

Size 30 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD30TTI50 | V302744 | 690 V | 700 V | 50 A | 0.116 kA ² s | 0.68 kA ² s | 200 kA | 9 W | 3 | 0.26 kg |
| A070UD30TTI63 | A301967 | 690 V | 700 V | 63 A | 0.2 kA ² s | 1.2 kA ² s | 200 kA | 14 W | 3 | 0.26 kg |
| A070UD30TTI80 | V301962 | 690 V | 700 V | 80 A | 0.33 kA ² s | 1.9 kA ² s | 200 kA | 19 W | 3 | 0.26 kg |
| A070UD30TTI100 | W300744 | 690 V | 700 V | 100 A | 0.47 kA ² s | 2.7 kA ² s | 200 kA | 26 W | 3 | 0.26 kg |
| A070UD30TTI125 | G300708 | 690 V | 700 V | 125 A | 0.85 kA ² s | 4.9 kA ² s | 200 kA | 30 W | 3 | 0.26 kg |
| A070UD30TTI160 | N300576 | 690 V | 700 V | 160 A | 1.6 kA ² s | 9.2 kA ² s | 200 kA | 37 W | 3 | 0.26 kg |
| A070UD30TTI200 | P300577 | 690 V | 700 V | 200 A | 3 kA ² s | 16.7 kA ² s | 200 kA | 42 W | 3 | 0.26 kg |
| A070UD30TTI250 | Q300578 | 690 V | 700 V | 250 A | 5.8 kA ² s | 32.4 kA ² s | 200 kA | 48 W | 3 | 0.26 kg |
| A070UD30TTI315 | R300579 | 690 V | 700 V | 315 A | 12 kA ² s | 67 kA ² s | 200 kA | 53 W | 3 | 0.26 kg |
| A070UD30TTI350 | S300580 | 690 V | 700 V | 350 A | 15.5 kA ² s | 86 kA ² s | 200 kA | 57 W | 3 | 0.26 kg |
| A070UD30TTI400 | T300581 | 690 V | 700 V | 400 A | 23 kA ² s | 130 kA ² s | 200 kA | 60 W | 3 | 0.26 kg |
| A070UD30TTI450 | V300582 | 690 V | 700 V | 450 A | 26 kA ² s | 165 kA ² s | 200 kA | 80 W | 3 | 0.26 kg |
| A070UD30TTI500 | W300583 | 690 V | 700 V | 500 A | 41 kA ² s | 264 kA ² s | 200 kA | 80 W | 3 | 0.26 kg |
| A070UD30TTI550 | X300584 | 690 V | 700 V | 550 A | 52 kA ² s | 330 kA ² s | 200 kA | 80 W | 3 | 0.26 kg |
| A065UD30TTI630 | A302703 | 600 V | 650 V | 630 A | 84 kA ² s | 450 kA ² s | 200 kA | 85 W | 3 | 0.26 kg |



PC30UD69V160A

Size 30 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC30UD69V50A | F301926 | 690 V | 700 V | 50 A | 0.116 kA ² s | 0.68 kA ² s | 200 kA | 9 W | 3 | 0.27 kg |
| PC30UD69V63A | E300108 | 690 V | 700 V | 63 A | 0.2 kA ² s | 1.2 kA ² s | 200 kA | 14 W | 3 | 0.27 kg |
| PC30UD69V80A | F300109 | 690 V | 700 V | 80 A | 0.33 kA ² s | 1.9 kA ² s | 200 kA | 19 W | 3 | 0.27 kg |
| PC30UD69V100A | G300110 | 690 V | 700 V | 100 A | 0.47 kA ² s | 2.7 kA ² s | 200 kA | 26 W | 3 | 0.27 kg |
| PC30UD69V125A | H300111 | 690 V | 700 V | 125 A | 0.85 kA ² s | 4.9 kA ² s | 200 kA | 30 W | 3 | 0.27 kg |
| PC30UD69V160A | J300112 | 690 V | 700 V | 160 A | 1.6 kA ² s | 9.2 kA ² s | 200 kA | 37 W | 3 | 0.27 kg |
| PC30UD69V200A | K300113 | 690 V | 700 V | 200 A | 3 kA ² s | 16.7 kA ² s | 200 kA | 43 W | 3 | 0.27 kg |
| PC30UD69V250A | L300114 | 690 V | 700 V | 250 A | 5.8 kA ² s | 32.4 kA ² s | 200 kA | 50 W | 3 | 0.27 kg |
| PC30UD69V315A | M300115 | 690 V | 700 V | 315 A | 12 kA ² s | 67 kA ² s | 200 kA | 55 W | 3 | 0.27 kg |
| PC30UD69V350A | N300116 | 690 V | 700 V | 350 A | 15.5 kA ² s | 86 kA ² s | 200 kA | 60 W | 3 | 0.27 kg |
| PC30UD69V400A | P300117 | 690 V | 700 V | 400 A | 23 kA ² s | 130 kA ² s | 200 kA | 65 W | 3 | 0.27 kg |
| PC30UD69V450A | A300403 | 690 V | 700 V | 450 A | 26 kA ² s | 165 kA ² s | 200 kA | 88 W | 3 | 0.27 kg |
| PC30UD69V500A | B300404 | 690 V | 700 V | 500 A | 41 kA ² s | 264 kA ² s | 200 kA | 88 W | 3 | 0.27 kg |
| PC30UD69V550A | C300405 | 690 V | 700 V | 550 A | 52 kA ² s | 330 kA ² s | 200 kA | 90 W | 3 | 0.27 kg |

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Protistor® size 30 aR
600 - 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC30UD69V450D1A

Size 30 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC30UD69V50D1A | G301191 | 690 V | 700 V | 50 A | 0.116 kA ² s | 0.68 kA ² s | 200 kA | 9 W | 3 | 0.30 kg |
| PC30UD69V63D1A | Q300118 | 690 V | 700 V | 63 A | 0.2 kA ² s | 1.2 kA ² s | 200 kA | 14 W | 3 | 0.30 kg |
| PC30UD69V80D1A | R300119 | 690 V | 700 V | 80 A | 0.33 kA ² s | 1.9 kA ² s | 200 kA | 19 W | 3 | 0.30 kg |
| PC30UD69V100D1A | S300120 | 690 V | 700 V | 100 A | 0.47 kA ² s | 2.7 kA ² s | 200 kA | 26 W | 3 | 0.30 kg |
| PC30UD69V125D1A | T300121 | 690 V | 700 V | 125 A | 0.85 kA ² s | 4.9 kA ² s | 200 kA | 30 W | 3 | 0.30 kg |
| PC30UD69V160D1A | V300122 | 690 V | 700 V | 160 A | 1.6 kA ² s | 9.2 kA ² s | 200 kA | 37 W | 3 | 0.30 kg |
| PC30UD69V200D1A | W300123 | 690 V | 700 V | 200 A | 3 kA ² s | 16.7 kA ² s | 200 kA | 43 W | 3 | 0.30 kg |
| PC30UD69V250D1A | X300124 | 690 V | 700 V | 250 A | 5.8 kA ² s | 32.4 kA ² s | 200 kA | 50 W | 3 | 0.30 kg |
| PC30UD69V315D1A | Y300125 | 690 V | 700 V | 315 A | 12 kA ² s | 67 kA ² s | 200 kA | 55 W | 3 | 0.30 kg |
| PC30UD69V350D1A | Z300126 | 690 V | 700 V | 350 A | 15.5 kA ² s | 86 kA ² s | 200 kA | 60 W | 3 | 0.30 kg |
| PC30UD69V400D1A | A300127 | 690 V | 700 V | 400 A | 23 kA ² s | 130 kA ² s | 200 kA | 65 W | 3 | 0.30 kg |
| PC30UD69V450D1A | S300695 | 690 V | 700 V | 450 A | 26 kA ² s | 165 kA ² s | 200 kA | 88 W | 3 | 0.30 kg |
| PC30UD69V500D1A | Y301091 | 690 V | 700 V | 500 A | 41 kA ² s | 264 kA ² s | 200 kA | 88 W | 3 | 0.30 kg |
| PC30UD69V550D1A | Z301092 | 690 V | 700 V | 550 A | 52 kA ² s | 330 kA ² s | 200 kA | 90 W | 3 | 0.30 kg |



A070UD30KI450

Size 30 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD30KI50 | E301925 | 690 V | 700 V | 50 A | 0.116 kA ² s | 0.68 kA ² s | 200 kA | 9 W | 3 | 0.29 kg |
| A070UD30KI63 | B300128 | 690 V | 700 V | 63 A | 0.2 kA ² s | 1.2 kA ² s | 200 kA | 14 W | 3 | 0.29 kg |
| A070UD30KI80 | C300129 | 690 V | 700 V | 80 A | 0.33 kA ² s | 1.9 kA ² s | 200 kA | 19 W | 3 | 0.29 kg |
| A070UD30KI100 | D300130 | 690 V | 700 V | 100 A | 0.47 kA ² s | 2.7 kA ² s | 200 kA | 26 W | 3 | 0.29 kg |
| A070UD30KI125 | E300131 | 690 V | 700 V | 125 A | 0.85 kA ² s | 4.9 kA ² s | 200 kA | 30 W | 3 | 0.29 kg |
| A070UD30KI160 | F300132 | 690 V | 700 V | 160 A | 1.6 kA ² s | 9.2 kA ² s | 200 kA | 37 W | 3 | 0.29 kg |
| A070UD30KI200 | G300133 | 690 V | 700 V | 200 A | 3 kA ² s | 16.7 kA ² s | 200 kA | 43 W | 3 | 0.29 kg |
| A070UD30KI250 | H300134 | 690 V | 700 V | 250 A | 5.8 kA ² s | 32.4 kA ² s | 200 kA | 50 W | 3 | 0.29 kg |
| A070UD30KI315 | J300135 | 690 V | 700 V | 315 A | 12 kA ² s | 67 kA ² s | 200 kA | 55 W | 3 | 0.29 kg |
| A070UD30KI350 | K300136 | 690 V | 700 V | 350 A | 15.5 kA ² s | 86 kA ² s | 200 kA | 60 W | 3 | 0.29 kg |
| A070UD30KI400 | L300137 | 690 V | 700 V | 400 A | 23 kA ² s | 130 kA ² s | 200 kA | 65 W | 3 | 0.29 kg |
| A070UD30KI450 | T301064 | 690 V | 700 V | 450 A | 26 kA ² s | 165 kA ² s | 200 kA | 88 W | 3 | 0.29 kg |
| A070UD30KI500 | V301065 | 690 V | 700 V | 500 A | 41 kA ² s | 264 kA ² s | 200 kA | 88 W | 3 | 0.29 kg |
| A070UD30KI550 | W301066 | 690 V | 700 V | 550 A | 52 kA ² s | 330 kA ² s | 200 kA | 90 W | 3 | 0.29 kg |



A070UD30LI450

Size 30 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD30LI50 | A301921 | 690 V | 700 V | 50 A | 0.116 kA ² s | 0.68 kA ² s | 200 kA | 9 W | 3 | 0.32 kg |
| A070UD30LI63 | M300138 | 690 V | 700 V | 63 A | 0.2 kA ² s | 1.2 kA ² s | 200 kA | 14 W | 3 | 0.32 kg |
| A070UD30LI80 | N300139 | 690 V | 700 V | 80 A | 0.33 kA ² s | 1.9 kA ² s | 200 kA | 19 W | 3 | 0.32 kg |
| A070UD30LI100 | P300140 | 690 V | 700 V | 100 A | 0.47 kA ² s | 2.7 kA ² s | 200 kA | 26 W | 3 | 0.32 kg |
| A070UD30LI125 | Q300141 | 690 V | 700 V | 125 A | 0.85 kA ² s | 4.9 kA ² s | 200 kA | 30 W | 3 | 0.32 kg |
| A070UD30LI160 | R300142 | 690 V | 700 V | 160 A | 1.6 kA ² s | 9.2 kA ² s | 200 kA | 37 W | 3 | 0.32 kg |
| A070UD30LI200 | S300143 | 690 V | 700 V | 200 A | 3 kA ² s | 16.7 kA ² s | 200 kA | 43 W | 3 | 0.32 kg |
| A070UD30LI250 | T300144 | 690 V | 700 V | 250 A | 5.8 kA ² s | 32.4 kA ² s | 200 kA | 50 W | 3 | 0.32 kg |
| A070UD30LI315 | V300145 | 690 V | 700 V | 315 A | 12 kA ² s | 67 kA ² s | 200 kA | 55 W | 3 | 0.32 kg |
| A070UD30LI350 | W300146 | 690 V | 700 V | 350 A | 15.5 kA ² s | 86 kA ² s | 200 kA | 60 W | 3 | 0.32 kg |
| A070UD30LI400 | X300147 | 690 V | 700 V | 400 A | 23 kA ² s | 130 kA ² s | 200 kA | 65 W | 3 | 0.32 kg |
| A070UD30LI450 | K300527 | 690 V | 700 V | 450 A | 26 kA ² s | 165 kA ² s | 200 kA | 88 W | 3 | 0.32 kg |
| A070UD30LI500 | L300528 | 690 V | 700 V | 500 A | 41 kA ² s | 264 kA ² s | 200 kA | 88 W | 3 | 0.32 kg |
| A070UD30LI550 | M300529 | 690 V | 700 V | 550 A | 52 kA ² s | 330 kA ² s | 200 kA | 90 W | 3 | 0.32 kg |

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Protistor® size 30 aR
600 - 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC30UD69V63EF

Size 30 type EF blades for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC30UD69V50EF | R300372 | 690 V | 700 V | 50 A | 0.116 kA ² s | 0.68 kA ² s | 200 kA | 9 W | 3 | 0.27 kg |
| PC30UD69V63EF | H300088 | 690 V | 700 V | 63 A | 0.2 kA ² s | 1.2 kA ² s | 200 kA | 14 W | 3 | 0.27 kg |
| PC30UD69V80EF | J300089 | 690 V | 700 V | 80 A | 0.33 kA ² s | 1.9 kA ² s | 200 kA | 19 W | 3 | 0.27 kg |
| PC30UD69V100EF | K300090 | 690 V | 700 V | 100 A | 0.47 kA ² s | 2.7 kA ² s | 200 kA | 26 W | 3 | 0.27 kg |
| PC30UD69V125EF | L300091 | 690 V | 700 V | 125 A | 0.85 kA ² s | 4.9 kA ² s | 200 kA | 30 W | 3 | 0.27 kg |
| PC30UD69V160EF | M300092 | 690 V | 700 V | 160 A | 1.6 kA ² s | 9.2 kA ² s | 200 kA | 37 W | 3 | 0.27 kg |
| PC30UD69V200EF | N300093 | 690 V | 700 V | 200 A | 3 kA ² s | 16.7 kA ² s | 200 kA | 43 W | 3 | 0.27 kg |
| PC30UD69V250EF | P300094 | 690 V | 700 V | 250 A | 5.8 kA ² s | 32.4 kA ² s | 200 kA | 50 W | 3 | 0.27 kg |
| PC30UD69V315EF | Q300095 | 690 V | 700 V | 315 A | 12 kA ² s | 67 kA ² s | 200 kA | 55 W | 3 | 0.27 kg |
| PC30UD69V350EF | R300096 | 690 V | 700 V | 350 A | 15.5 kA ² s | 86 kA ² s | 200 kA | 60 W | 3 | 0.27 kg |
| PC30UD69V400EF | S300097 | 690 V | 700 V | 400 A | 23 kA ² s | 130 kA ² s | 200 kA | 65 W | 3 | 0.27 kg |

Protistor® size 31 aR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC31UD69V800TF

Size 31 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC31UD69V160TF | M300299 | 690 V | 700 V | 160 A | 1300 A ² s | 7700 A ² s | 200 kA | 35 W | 3 | 0.38 kg |
| PC31UD69V200TF | N300001 | 690 V | 700 V | 200 A | 2600 A ² s | 15000 A ² s | 200 kA | 45 W | 3 | 0.38 kg |
| PC31UD69V250TF | P300002 | 690 V | 700 V | 250 A | 4700 A ² s | 28000 A ² s | 200 kA | 52 W | 3 | 0.38 kg |
| PC31UD69V315TF | Q300003 | 690 V | 700 V | 315 A | 7500 A ² s | 44000 A ² s | 200 kA | 65 W | 3 | 0.38 kg |
| PC31UD69V350TF | M300046 | 690 V | 700 V | 350 A | 10300 A ² s | 61000 A ² s | 200 kA | 67 W | 3 | 0.38 kg |
| PC31UD69V400TF | R300004 | 690 V | 700 V | 400 A | 19000 A ² s | 110000 A ² s | 200 kA | 68 W | 3 | 0.38 kg |
| PC31UD69V450TF | S300005 | 690 V | 700 V | 450 A | 26500 A ² s | 155000 A ² s | 200 kA | 70 W | 3 | 0.38 kg |
| PC31UD69V500TF | T300006 | 690 V | 700 V | 500 A | 37000 A ² s | 215000 A ² s | 200 kA | 70 W | 3 | 0.38 kg |
| PC31UD69V550TF | V300007 | 690 V | 700 V | 550 A | 52000 A ² s | 310000 A ² s | 200 kA | 70 W | 3 | 0.38 kg |
| PC31UD69V630TF | W300008 | 690 V | 700 V | 630 A | 75000 A ² s | 430000 A ² s | 200 kA | 75 W | 3 | 0.38 kg |
| PC31UD69V700TF | X300009 | 690 V | 700 V | 700 A | 95000 A ² s | 540000 A ² s | 200 kA | 85 W | 3 | 0.38 kg |
| PC31UD69V800TF | Y300401 | 690 V | 700 V | 800 A | 140000 A ² s | 880000 A ² s | 200 kA | 105 W | 3 | 0.38 kg |



A070UD31TTI800

Size 31 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD31TTI200 | A300472 | 690 V | 700 | 200 A | 2600 A ² s | 15000 A ² s | 200 kA | 45 W | 3 | 0.39 kg |
| A070UD31TTI250 | B300473 | 690 V | 700 | 250 A | 4700 A ² s | 28000 A ² s | 200 kA | 52 W | 3 | 0.39 kg |
| A070UD31TTI315 | C300474 | 690 V | 700 | 315 A | 7500 A ² s | 44000 A ² s | 200 kA | 65 W | 3 | 0.39 kg |
| A070UD31TTI350 | D300475 | 690 V | 700 | 350 A | 10300 A ² s | 61000 A ² s | 200 kA | 67 W | 3 | 0.39 kg |
| A070UD31TTI400 | E300476 | 690 V | 700 | 400 A | 19000 A ² s | 110000 A ² s | 200 kA | 68 W | 3 | 0.39 kg |
| A070UD31TTI450 | F300477 | 690 V | 700 | 450 A | 26500 A ² s | 155000 A ² s | 200 kA | 70 W | 3 | 0.39 kg |
| A070UD31TTI500 | G300478 | 690 V | 700 | 500 A | 37000 A ² s | 215000 A ² s | 200 kA | 70 W | 3 | 0.39 kg |
| A070UD31TTI550 | H300479 | 690 V | 700 | 550 A | 52000 A ² s | 310000 A ² s | 200 kA | 70 W | 3 | 0.39 kg |
| A070UD31TTI630 | J300480 | 690 V | 700 | 630 A | 75000 A ² s | 430000 A ² s | 200 kA | 75 W | 3 | 0.39 kg |
| A070UD31TTI700 | K300481 | 690 V | 700 | 700 A | 95000 A ² s | 540000 A ² s | 200 kA | 85 W | 3 | 0.39 kg |
| A070UD31TTI800 | L300482 | 690 V | 700 | 800 A | 140000 A ² s | 880000 A ² s | 200 kA | 105 W | 3 | 0.39 kg |

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Protistor® size 31 aR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



Size 31 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC31UD69V160A | M300322 | 690 V | 700 V | 160 A | 1300 A ² s | 7700 A ² s | 200 kA | 35 W | 3 | 0.39 kg |
| PC31UD69V200A | Y300010 | 690 V | 700 V | 200 A | 2600 A ² s | 15000 A ² s | 200 kA | 45 W | 3 | 0.39 kg |
| PC31UD69V250A | Z300011 | 690 V | 700 V | 250 A | 4700 A ² s | 28000 A ² s | 200 kA | 52 W | 3 | 0.39 kg |
| PC31UD69V315A | A300012 | 690 V | 700 V | 315 A | 7500 A ² s | 44000 A ² s | 200 kA | 65 W | 3 | 0.39 kg |
| PC31UD69V350A | Q300049 | 690 V | 700 V | 350 A | 10300 A ² s | 61000 A ² s | 200 kA | 67 W | 3 | 0.39 kg |
| PC31UD69V400A | B300013 | 690 V | 700 V | 400 A | 19000 A ² s | 110000 A ² s | 200 kA | 68 W | 3 | 0.39 kg |
| PC31UD69V450A | C300014 | 690 V | 700 V | 450 A | 26500 A ² s | 155000 A ² s | 200 kA | 70 W | 3 | 0.39 kg |
| PC31UD69V500A | D300015 | 690 V | 700 V | 500 A | 37000 A ² s | 215000 A ² s | 200 kA | 72 W | 3 | 0.39 kg |
| PC31UD69V550A | E300016 | 690 V | 700 V | 550 A | 52000 A ² s | 310000 A ² s | 200 kA | 75 W | 3 | 0.39 kg |
| PC31UD69V630A | F300017 | 690 V | 700 V | 630 A | 75000 A ² s | 430000 A ² s | 200 kA | 85 W | 3 | 0.39 kg |
| PC31UD69V700A | G300018 | 690 V | 700 V | 700 A | 95000 A ² s | 540000 A ² s | 200 kA | 95 W | 3 | 0.39 kg |
| PC31UD69V800A | D300406 | 690 V | 700 V | 800 A | 140000 A ² s | 880000 A ² s | 200 kA | 120 W | 3 | 0.39 kg |



Size 31 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC31UD69V200D1A | H300019 | 690 V | 700 V | 200 A | 2600 A ² s | 15000 A ² s | 200 kA | 45 W | 3 | 0.41 kg |
| PC31UD69V250D1A | J300020 | 690 V | 700 V | 250 A | 4700 A ² s | 28000 A ² s | 200 kA | 52 W | 3 | 0.41 kg |
| PC31UD69V315D1A | K300021 | 690 V | 700 V | 315 A | 7500 A ² s | 44000 A ² s | 200 kA | 65 W | 3 | 0.41 kg |
| PC31UD69V350D1A | P300048 | 690 V | 700 V | 350 A | 10300 A ² s | 61000 A ² s | 200 kA | 67 W | 3 | 0.41 kg |
| PC31UD69V400D1A | L300022 | 690 V | 700 V | 400 A | 19000 A ² s | 110000 A ² s | 200 kA | 68 W | 3 | 0.41 kg |
| PC31UD69V450D1A | M300023 | 690 V | 700 V | 450 A | 26500 A ² s | 155000 A ² s | 200 kA | 70 W | 3 | 0.41 kg |
| PC31UD69V500D1A | N300024 | 690 V | 700 V | 500 A | 37000 A ² s | 215000 A ² s | 200 kA | 72 W | 3 | 0.41 kg |
| PC31UD69V550D1A | P300025 | 690 V | 700 V | 550 A | 52000 A ² s | 310000 A ² s | 200 kA | 75 W | 3 | 0.41 kg |
| PC31UD69V630D1A | Q300026 | 690 V | 700 V | 630 A | 75000 A ² s | 430000 A ² s | 200 kA | 85 W | 3 | 0.41 kg |
| PC31UD69V700D1A | R300027 | 690 V | 700 V | 700 A | 95000 A ² s | 540000 A ² s | 200 kA | 95 W | 3 | 0.41 kg |
| PC31UD69V800D1A | H300709 | 690 V | 700 V | 800 A | 140000 A ² s | 880000 A ² s | 200 kA | 120 W | 3 | 0.41 kg |



Size 31 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD31KI160 | F300385 | 690 V | 700 V | 160 A | 1300 A ² s | 7700 A ² s | 200 kA | 35 W | 3 | 0.40 kg |
| A070UD31KI200 | S300028 | 690 V | 700 V | 200 A | 2600 A ² s | 15000 A ² s | 200 kA | 45 W | 3 | 0.40 kg |
| A070UD31KI250 | T300029 | 690 V | 700 V | 250 A | 4700 A ² s | 28000 A ² s | 200 kA | 52 W | 3 | 0.40 kg |
| A070UD31KI315 | V300030 | 690 V | 700 V | 315 A | 7500 A ² s | 44000 A ² s | 200 kA | 65 W | 3 | 0.40 kg |
| A070UD31KI350 | R300050 | 690 V | 700 V | 350 A | 10300 A ² s | 61000 A ² s | 200 kA | 67 W | 3 | 0.40 kg |
| A070UD31KI400 | W300031 | 690 V | 700 V | 400 A | 19000 A ² s | 110000 A ² s | 200 kA | 68 W | 3 | 0.40 kg |
| A070UD31KI450 | X300032 | 690 V | 700 V | 450 A | 26500 A ² s | 155000 A ² s | 200 kA | 70 W | 3 | 0.40 kg |
| A070UD31KI500 | Y300033 | 690 V | 700 V | 500 A | 37000 A ² s | 215000 A ² s | 200 kA | 72 W | 3 | 0.40 kg |
| A070UD31KI550 | Z300034 | 690 V | 700 V | 550 A | 52000 A ² s | 310000 A ² s | 200 kA | 75 W | 3 | 0.40 kg |
| A070UD31KI630 | A300035 | 690 V | 700 V | 630 A | 75000 A ² s | 430000 A ² s | 200 kA | 85 W | 3 | 0.40 kg |
| A070UD31KI700 | B300036 | 690 V | 700 V | 700 A | 95000 A ² s | 540000 A ² s | 200 kA | 95 W | 3 | 0.40 kg |
| A070UD31KI800 | A301070 | 690 V | 700 V | 800 A | 140000 A ² s | 880000 A ² s | 200 kA | 120 W | 3 | 0.40 kg |

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Protistor® size 31 aR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



A070UD31LI800

Size 31 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD31LI200 | V300697 | 690 V | 700 V | 200 A | 2600 A ² s | 15000 A ² s | 200 kA | 45 W | 3 | 0.42 kg |
| A070UD31LI250 | W300698 | 690 V | 700 V | 250 A | 4700 A ² s | 28000 A ² s | 200 kA | 52 W | 3 | 0.42 kg |
| A070UD31LI315 | X300699 | 690 V | 700 V | 315 A | 7500 A ² s | 44000 A ² s | 200 kA | 65 W | 3 | 0.42 kg |
| A070UD31LI350 | Y300700 | 690 V | 700 V | 350 A | 10300 A ² s | 61000 A ² s | 200 kA | 67 W | 3 | 0.42 kg |
| A070UD31LI400 | Z300701 | 690 V | 700 V | 400 A | 19000 A ² s | 110000 A ² s | 200 kA | 68 W | 3 | 0.42 kg |
| A070UD31LI450 | A300702 | 690 V | 700 V | 450 A | 26500 A ² s | 155000 A ² s | 200 kA | 70 W | 3 | 0.42 kg |
| A070UD31LI500 | B300703 | 690 V | 700 V | 500 A | 37000 A ² s | 215000 A ² s | 200 kA | 72 W | 3 | 0.42 kg |
| A070UD31LI550 | C300704 | 690 V | 700 V | 550 A | 52000 A ² s | 310000 A ² s | 200 kA | 75 W | 3 | 0.42 kg |
| A070UD31LI630 | D300705 | 690 V | 700 V | 630 A | 75000 A ² s | 430000 A ² s | 200 kA | 85 W | 3 | 0.42 kg |
| A070UD31LI700 | E300706 | 690 V | 700 V | 700 A | 95000 A ² s | 540000 A ² s | 200 kA | 95 W | 3 | 0.42 kg |
| A070UD31LI800 | F300707 | 690 V | 700 V | 800 A | 140000 A ² s | 880000 A ² s | 200 kA | 120 W | 3 | 0.42 kg |



PC31UD69V700EF

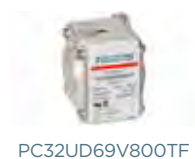
Size 31 for type EF blade bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC31UD69V160EF | B301922 | 690 V | 700 V | 160 A | 1300 A ² s | 7700 A ² s | 200 kA | 35 W | 3 | 0.40 kg |
| PC31UD69V200EF | C300037 | 690 V | 700 V | 200 A | 2600 A ² s | 15000 A ² s | 200 kA | 45 W | 3 | 0.40 kg |
| PC31UD69V250EF | D300038 | 690 V | 700 V | 250 A | 4700 A ² s | 28000 A ² s | 200 kA | 52 W | 3 | 0.40 kg |
| PC31UD69V315EF | E300039 | 690 V | 700 V | 315 A | 7500 A ² s | 44000 A ² s | 200 kA | 65 W | 3 | 0.40 kg |
| PC31UD69V350EF | N300047 | 690 V | 700 V | 350 A | 10300 A ² s | 61000 A ² s | 200 kA | 67 W | 3 | 0.40 kg |
| PC31UD69V400EF | F300040 | 690 V | 700 V | 400 A | 19000 A ² s | 110000 A ² s | 200 kA | 68 W | 3 | 0.40 kg |
| PC31UD69V450EF | G300041 | 690 V | 700 V | 450 A | 26500 A ² s | 155000 A ² s | 200 kA | 70 W | 3 | 0.40 kg |
| PC31UD69V500EF | H300042 | 690 V | 700 V | 500 A | 37000 A ² s | 215000 A ² s | 200 kA | 72 W | 3 | 0.40 kg |
| PC31UD69V550EF | J300043 | 690 V | 700 V | 550 A | 52000 A ² s | 310000 A ² s | 200 kA | 75 W | 3 | 0.40 kg |
| PC31UD69V630EF | K300044 | 690 V | 700 V | 630 A | 75000 A ² s | 430000 A ² s | 200 kA | 85 W | 3 | 0.40 kg |
| PC31UD69V700EF | L300045 | 690 V | 700 V | 700 A | 95000 A ² s | 540000 A ² s | 200 kA | 95 W | 3 | 0.40 kg |

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Protistor® size 32 aR
450 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC32UD69V800TF

Size 32 type TTF M10 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| PC32UD69V315TF | M302162 | 690 V | 700 V | 315 A | 5.2 kA ² s | 31.8 kA ² s | 200 kA | 71 W | 3 | 0.55 kg |
| PC32UD69V350TF | N302163 | 690 V | 700 V | 350 A | 8.9 kA ² s | 53.7 kA ² s | 200 kA | 71 W | 3 | 0.55 kg |
| PC32UD69V400TF | H300065 | 690 V | 700 V | 400 A | 15 kA ² s | 90 kA ² s | 200 kA | 72 W | 3 | 0.55 kg |
| PC32UD69V450TF | J300066 | 690 V | 700 V | 450 A | 22 kA ² s | 130 kA ² s | 200 kA | 77 W | 3 | 0.55 kg |
| PC32UD69V500TF | K300067 | 690 V | 700 V | 500 A | 28 kA ² s | 160 kA ² s | 200 kA | 85 W | 3 | 0.55 kg |
| PC32UD69V550TF | L300068 | 690 V | 700 V | 550 A | 37 kA ² s | 215 kA ² s | 200 kA | 90 W | 3 | 0.55 kg |
| PC32UD69V630TF | M300069 | 690 V | 700 V | 630 A | 54 kA ² s | 310 kA ² s | 200 kA | 95 W | 3 | 0.55 kg |
| PC32UD69V700TF | N300070 | 690 V | 700 V | 700 A | 76 kA ² s | 440 kA ² s | 200 kA | 100 W | 3 | 0.55 kg |
| PC32UD69V800TF | P300071 | 690 V | 700 V | 800 A | 115 kA ² s | 660 kA ² s | 200 kA | 110 W | 3 | 0.55 kg |
| Reinforced Terminal | | | | | | | | | | |
| PC32UD69V900TF | Q300072 | 690 V | 700 V | 900 A | 165 kA ² s | 990 kA ² s | 200 kA | 110 W | 3 | 0.55 kg |
| PC32UD69V1000TF | S300074 | 690 V | 700 V | 1000 A | 230 kA ² s | 1380 kA ² s | 200 kA | 115 W | 3 | 0.55 kg |
| PC32UD60V1100TF | M300759 | 600 V | 650 V | 1100 A | 270 kA ² s | 1450 kA ² s | 200 kA | 140 W | 3 | 0.55 kg |
| PC32UD55V1250TF | P301060 | 550 V | 600 V | 1250 A | 410 kA ² s | 1950 kA ² s | 200 kA | 150 W | 3 | 0.55 kg |
| PC32UD50V1400TF | Q301061 | 500 V | 550 V | 1400 A | 555 kA ² s | 2300 kA ² s | 200 kA | 160 W | 3 | 0.55 kg |
| PC32UD50V1600TF | H300893 | 500 V | 550 V | 1600 A | 870 kA ² s | 3600 kA ² s | 200 kA | 165 W | 3 | 0.55 kg |
| PC32UD45V1800TF | R301062 | 450 V | 500 V | 1800 A | 1050 kA ² s | 3700 kA ² s | 200 kA | 195 W | 3 | 0.55 kg |



A070UD32TTI800

Size 32 type TTI 3/8 in - 16 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| A070UD32TTI400 | Q300463 | 690 V | 700 V | 400 A | 15 kA ² s | 90 kA ² s | 200 kA | 72 W | 3 | 0.60 kg |
| A070UD32TTI450 | N300461 | 690 V | 700 V | 450 A | 22 kA ² s | 130 kA ² s | 200 kA | 77 W | 3 | 0.60 kg |
| A070UD32TTI500 | P300462 | 690 V | 700 V | 500 A | 28 kA ² s | 160 kA ² s | 200 kA | 85 W | 3 | 0.60 kg |
| A070UD32TTI550 | R300464 | 690 V | 700 V | 550 A | 37 kA ² s | 215 kA ² s | 200 kA | 90 W | 3 | 0.60 kg |
| A070UD32TTI630 | S300465 | 690 V | 700 V | 630 A | 54 kA ² s | 310 kA ² s | 200 kA | 95 W | 3 | 0.60 kg |
| A070UD32TTI700 | T300466 | 690 V | 700 V | 700 A | 76 kA ² s | 440 kA ² s | 200 kA | 100 W | 3 | 0.60 kg |
| A070UD32TTI800 | V300467 | 690 V | 700 V | 800 A | 115 kA ² s | 660 kA ² s | 200 kA | 110 W | 3 | 0.60 kg |
| Reinforced Terminal | | | | | | | | | | |
| A070UD32TTI900 | W300468 | 690 V | 700 V | 900 A | 165 kA ² s | 990 kA ² s | 200 kA | 110 W | 3 | 0.60 kg |
| A070UD32TTI1000 | X300469 | 690 V | 700 V | 1000 A | 230 kA ² s | 1380 kA ² s | 200 kA | 115 W | 3 | 0.60 kg |
| A065UD32TTI1100 | M301081 | 600 V | 650 V | 1100 A | 270 kA ² s | 1450 kA ² s | 200 kA | 140 W | 3 | 0.60 kg |
| A060UD32TTI1250 | N301082 | 550 V | 600 V | 1250 A | 410 kA ² s | 1950 kA ² s | 200 kA | 150 W | 3 | 0.60 kg |
| A055UD32TTI1400 | P301083 | 500 V | 550 V | 1400 A | 555 kA ² s | 2300 kA ² s | 200 kA | 160 W | 3 | 0.60 kg |
| A055UD32TTI1600 | Q301084 | 500 V | 550 V | 1600 A | 870 kA ² s | 3600 kA ² s | 200 kA | 165 W | 3 | 0.60 kg |
| A050UD32TTI1800 | R301085 | 450 V | 500 V | 1800 A | 1050 kA ² s | 3700 kA ² s | 200 kA | 195 W | 3 | 0.60 kg |

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Protistor® size 32 aR
450 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC32UD69V900A

Size 32 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC32UD69V315A | H302158 | 690 V | 700 V | 315 A | 5.2 kA ² s | 31.8 kA ² s | 200 kA | 71 W | 3 | 0.53 kg |
| PC32UD69V350A | J302159 | 690 V | 700 V | 350 A | 8.9 kA ² s | 53.7 kA ² s | 200 kA | 74 W | 3 | 0.53 kg |
| PC32UD69V400A | E300177 | 690 V | 700 V | 400 A | 15 kA ² s | 90 kA ² s | 200 kA | 75 W | 3 | 0.53 kg |
| PC32UD69V450A | F300178 | 690 V | 700 V | 450 A | 22 kA ² s | 130 kA ² s | 200 kA | 80 W | 3 | 0.53 kg |
| PC32UD69V500A | G300179 | 690 V | 700 V | 500 A | 28 kA ² s | 160 kA ² s | 200 kA | 90 W | 3 | 0.53 kg |
| PC32UD69V550A | H300180 | 690 V | 700 V | 550 A | 37 kA ² s | 215 kA ² s | 200 kA | 95 W | 3 | 0.53 kg |
| PC32UD69V630A | J300181 | 690 V | 700 V | 630 A | 54 kA ² s | 310 kA ² s | 200 kA | 105 W | 3 | 0.53 kg |
| PC32UD69V700A | K300182 | 690 V | 700 V | 700 A | 76 kA ² s | 440 kA ² s | 200 kA | 110 W | 3 | 0.53 kg |
| PC32UD69V800A | L300183 | 690 V | 700 V | 800 A | 115 kA ² s | 660 kA ² s | 200 kA | 120 W | 3 | 0.53 kg |
| PC32UD69V900A | M300184 | 690 V | 700 V | 900 A | 170 kA ² s | 990 kA ² s | 200 kA | 125 W | 3 | 0.53 kg |
| PC32UD69V1000A | N300185 | 690 V | 700 V | 1000 A | 240 kA ² s | 1380 kA ² s | 200 kA | 135 W | 3 | 0.53 kg |
| PC32UD60V1100A | W302101 | 600 V | 650 V | 1100 A | 270 kA ² s | 1450 kA ² s | 200 kA | 165 W | 3 | 0.53 kg |
| PC32UD55V1250A | G300409 | 550 V | 600 V | 1250 A | 410 kA ² s | 1950 kA ² s | 200 kA | 180 W | 3 | 0.53 kg |



PC32UD69V900D1A

Size 32 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC32UD69V315D1A | K302160 | 690 V | 700 V | 315 A | 5.2 kA ² s | 31.8 kA ² s | 200 kA | 71 W | 3 | 0.56 kg |
| PC32UD69V350D1A | L302161 | 690 V | 700 V | 350 A | 8.9 kA ² s | 53.7 kA ² s | 200 kA | 74 W | 3 | 0.56 kg |
| PC32UD69V400D1A | P300186 | 690 V | 700 V | 400 A | 15 kA ² s | 90 kA ² s | 200 kA | 75 W | 3 | 0.56 kg |
| PC32UD69V450D1A | Q300187 | 690 V | 700 V | 450 A | 22 kA ² s | 130 kA ² s | 200 kA | 80 W | 3 | 0.56 kg |
| PC32UD69V500D1A | R300188 | 690 V | 700 V | 500 A | 28 kA ² s | 160 kA ² s | 200 kA | 90 W | 3 | 0.56 kg |
| PC32UD69V550D1A | S300189 | 690 V | 700 V | 550 A | 37 kA ² s | 215 kA ² s | 200 kA | 95 W | 3 | 0.56 kg |
| PC32UD69V630D1A | T300190 | 690 V | 700 V | 630 A | 54 kA ² s | 310 kA ² s | 200 kA | 105 W | 3 | 0.56 kg |
| PC32UD69V700D1A | V300191 | 690 V | 700 V | 700 A | 76 kA ² s | 440 kA ² s | 200 kA | 110 W | 3 | 0.56 kg |
| PC32UD69V800D1A | W300192 | 690 V | 700 V | 800 A | 115 kA ² s | 660 kA ² s | 200 kA | 120 W | 3 | 0.56 kg |
| PC32UD69V900D1A | X300193 | 690 V | 700 V | 900 A | 170 kA ² s | 990 kA ² s | 200 kA | 125 W | 3 | 0.56 kg |
| PC32UD69V10CD1A | Y300194 | 690 V | 700 V | 1000 A | 240 kA ² s | 1380 kA ² s | 200 kA | 135 W | 3 | 0.56 kg |



A070UD32KI900

Size 32 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD32KI315 | P302164 | 690 V | 700 V | 315 A | 5.2 kA ² s | 31.8 kA ² s | 200 kA | 71 W | 3 | 0.55 kg |
| A070UD32KI350 | Q302165 | 690 V | 700 V | 350 A | 8.9 kA ² s | 53.7 kA ² s | 200 kA | 74 W | 3 | 0.55 kg |
| A070UD32KI400 | Z300195 | 690 V | 700 V | 400 A | 15 kA ² s | 90 kA ² s | 200 kA | 75 W | 3 | 0.55 kg |
| A070UD32KI450 | A300196 | 690 V | 700 V | 450 A | 22 kA ² s | 130 kA ² s | 200 kA | 80 W | 3 | 0.55 kg |
| A070UD32KI500 | B300197 | 690 V | 700 V | 500 A | 28 kA ² s | 160 kA ² s | 200 kA | 90 W | 3 | 0.55 kg |
| A070UD32KI550 | C300198 | 690 V | 700 V | 550 A | 37 kA ² s | 215 kA ² s | 200 kA | 95 W | 3 | 0.55 kg |
| A070UD32KI630 | D300199 | 690 V | 700 V | 630 A | 54 kA ² s | 310 kA ² s | 200 kA | 105 W | 3 | 0.55 kg |
| A070UD32KI700 | E300200 | 690 V | 700 V | 700 A | 76 kA ² s | 440 kA ² s | 200 kA | 110 W | 3 | 0.55 kg |
| A070UD32KI800 | F300201 | 690 V | 700 V | 800 A | 115 kA ² s | 660 kA ² s | 200 kA | 120 W | 3 | 0.55 kg |
| A070UD32KI900 | G300202 | 690 V | 700 V | 900 A | 170 kA ² s | 990 kA ² s | 200 kA | 125 W | 3 | 0.55 kg |
| A070UD32KI1000 | H300203 | 690 V | 700 V | 1000 A | 240 kA ² s | 1380 kA ² s | 200 kA | 135 W | 3 | 0.55 kg |

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Protistor® size 32 aR
450 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



A070UD32LI900

Size 32 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A070UD32LI315 | R302166 | 690 V | 700 V | 315 A | 5.2 kA ² s | 31.8 kA ² s | 200 kA | 71 W | 3 | 0.57 kg |
| A070UD32LI350 | S302167 | 690 V | 700 V | 350 A | 8.9 kA ² s | 53.7 kA ² s | 200 kA | 74 W | 3 | 0.57 kg |
| A070UD32LI400 | J300204 | 690 V | 700 V | 400 A | 15 kA ² s | 90 kA ² s | 200 kA | 75 W | 3 | 0.57 kg |
| A070UD32LI450 | K300205 | 690 V | 700 V | 450 A | 22 kA ² s | 130 kA ² s | 200 kA | 80 W | 3 | 0.57 kg |
| A070UD32LI500 | L300206 | 690 V | 700 V | 500 A | 28 kA ² s | 160 kA ² s | 200 kA | 90 W | 3 | 0.57 kg |
| A070UD32LI550 | M300207 | 690 V | 700 V | 550 A | 37 kA ² s | 215 kA ² s | 200 kA | 95 W | 3 | 0.57 kg |
| A070UD32LI630 | N300208 | 690 V | 700 V | 630 A | 54 kA ² s | 310 kA ² s | 200 kA | 105 W | 3 | 0.57 kg |
| A070UD32LI700 | P300209 | 690 V | 700 V | 700 A | 76 kA ² s | 440 kA ² s | 200 kA | 110 W | 3 | 0.57 kg |
| A070UD32LI800 | Q300210 | 690 V | 700 V | 800 A | 115 kA ² s | 660 kA ² s | 200 kA | 120 W | 3 | 0.57 kg |
| A070UD32LI900 | R300211 | 690 V | 700 V | 900 A | 170 kA ² s | 990 kA ² s | 200 kA | 125 W | 3 | 0.74 kg |
| A070UD32LI1000 | S300212 | 690 V | 700 V | 1000 A | 240 kA ² s | 1380 kA ² s | 200 kA | 135 W | 3 | 0.74 kg |
| A065UD32LI1100 | B301071 | 600 V | 650 V | 1100 A | 270 kA ² s | 1450 kA ² s | 200 kA | 165 W | 3 | 0.74 kg |
| A060UD32LI1250 | C301072 | 550 V | 600 V | 1250 A | 410 kA ² s | 1950 kA ² s | 200 kA | 180 W | 3 | 0.74 kg |
| A055UD32LI1400 | D301073 | 500 V | 550 V | 1400 A | 555 kA ² s | 2300 kA ² s | 200 kA | 200 W | 3 | 0.74 kg |



PC32UD69V900EF

Size 32 type EF blades for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC32UD69V400EF | V300168 | 690 V | 700 V | 400 A | 15 kA ² s | 90 kA ² s | 200 kA | 75 W | 3 | 0.57 kg |
| PC32UD69V450EF | W300169 | 690 V | 700 V | 450 A | 22 kA ² s | 130 kA ² s | 200 kA | 80 W | 3 | 0.57 kg |
| PC32UD69V500EF | X300170 | 690 V | 700 V | 500 A | 28 kA ² s | 160 kA ² s | 200 kA | 90 W | 3 | 0.57 kg |
| PC32UD69V550EF | Y300171 | 690 V | 700 V | 550 A | 37 kA ² s | 215 kA ² s | 200 kA | 95 W | 3 | 0.57 kg |
| PC32UD69V630EF | Z300172 | 690 V | 700 V | 630 A | 54 kA ² s | 310 kA ² s | 200 kA | 105 W | 3 | 0.57 kg |
| PC32UD69V700EF | A300173 | 690 V | 700 V | 700 A | 76 kA ² s | 440 kA ² s | 200 kA | 110 W | 3 | 0.57 kg |
| PC32UD69V800EF | B300174 | 690 V | 700 V | 800 A | 115 kA ² s | 660 kA ² s | 200 kA | 120 W | 3 | 0.57 kg |
| PC32UD69V900EF | C300175 | 690 V | 700 V | 900 A | 170 kA ² s | 990 kA ² s | 200 kA | 125 W | 3 | 0.57 kg |
| PC32UD69V1000EF | D300176 | 690 V | 700 V | 1000 A | 240 kA ² s | 1380 kA ² s | 200 kA | 135 W | 3 | 0.57 kg |

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Protistor® size 33 aR
450 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



Size 33 type TTF M12 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| PC33UD69V450TF | W302170 | 690 V | 700 V | 450 A | 13.45 kA ² s | 87 kA ² s | 200 kA | 84 W | 3 | 0.81 kg |
| PC33UD69V500TF | V300076 | 690 V | 700 V | 500 A | 19 kA ² s | 110 kA ² s | 200 kA | 105 W | 3 | 0.81 kg |
| PC33UD69V550TF | W300077 | 690 V | 700 V | 550 A | 27 kA ² s | 155 kA ² s | 200 kA | 105 W | 3 | 0.81 kg |
| PC33UD69V630TF | X300078 | 690 V | 700 V | 630 A | 40 kA ² s | 230 kA ² s | 200 kA | 110 W | 3 | 0.81 kg |
| PC33UD69V700TF | Y300079 | 690 V | 700 V | 700 A | 57 kA ² s | 330 kA ² s | 200 kA | 115 W | 3 | 0.81 kg |
| PC33UD69V800TF | Z300080 | 690 V | 700 V | 800 A | 93 kA ² s | 540 kA ² s | 200 kA | 120 W | 3 | 0.81 kg |
| PC33UD69V900TF | A300081 | 690 V | 700 V | 900 A | 130 kA ² s | 770 kA ² s | 200 kA | 120 W | 3 | 0.81 kg |
| PC33UD69V1000TF | B300082 | 690 V | 700 V | 1000 A | 170 kA ² s | 990 kA ² s | 200 kA | 135 W | 3 | 0.81 kg |
| PC33UD69V1100TF | C300083 | 690 V | 700 V | 1100 A | 240 kA ² s | 1390 kA ² s | 200 kA | 135 W | 3 | 0.81 kg |
| Reinforced Terminal | | | | | | | | | | |
| PC33UD69V1250TF | D300084 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 150 W | 3 | 0.81 kg |
| PC33UD69V1400TF | E300085 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 160 W | 3 | 0.81 kg |
| PC33UD60V1500TF | Y300585 | 600 V | 650 V | 1500 A | 470 kA ² s | 2500 kA ² s | 200 kA | 210 W | 3 | 0.81 kg |
| PC33UD60V1600TF | Z300586 | 600 V | 650 V | 1600 A | 555 kA ² s | 2900 kA ² s | 200 kA | 210 W | 3 | 0.81 kg |
| PC33UD60V1800TF | A300587 | 600 V | 650 V | 1800 A | 720 kA ² s | 3870 kA ² s | 200 kA | 225 W | 3 | 0.81 kg |
| PC33UD55V2000TF | B300588 | 550 V | 600 V | 2000 A | 950 kA ² s | 4500 kA ² s | 200 kA | 250 W | 3 | 0.81 kg |
| PC33UD50V2250TF | K300757 | 500 V | 550 V | 2250 A | 1250 kA ² s | 5160 kA ² s | 200 kA | 280 W | 3 | 0.81 kg |
| PC33UD45V2500TF | L300758 | 450 V | 500 V | 2500 A | 1870 kA ² s | 6540 kA ² s | 200 kA | 280 W | 3 | 0.81 kg |



Size 33 type TTI 1/2 in - 13 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| A070UD33TTI450 | X302171 | 690 V | 700 V | 450 A | 13.45 kA ² s | 87 kA ² s | 200 kA | 84 W | 3 | 0.89 kg |
| A070UD33TTI500 | X300446 | 690 V | 700 V | 500 A | 19 kA ² s | 110 kA ² s | 200 kA | 105 W | 3 | 0.89 kg |
| A070UD33TTI550 | Y300447 | 690 V | 700 V | 550 A | 27 kA ² s | 155 kA ² s | 200 kA | 105 W | 3 | 0.89 kg |
| A070UD33TTI630 | Z300448 | 690 V | 700 V | 630 A | 40 kA ² s | 230 kA ² s | 200 kA | 110 W | 3 | 0.89 kg |
| A070UD33TTI700 | A300449 | 690 V | 700 V | 700 A | 57 kA ² s | 330 kA ² s | 200 kA | 115 W | 3 | 0.89 kg |
| A070UD33TTI800 | T300443 | 690 V | 700 V | 800 A | 93 kA ² s | 540 kA ² s | 200 kA | 120 W | 3 | 0.89 kg |
| A070UD33TTI900 | B300450 | 690 V | 700 V | 900 A | 130 kA ² s | 770 kA ² s | 200 kA | 120 W | 3 | 0.89 kg |
| A070UD33TTI1000 | C300451 | 690 V | 700 V | 1000 A | 170 kA ² s | 990 kA ² s | 200 kA | 135 W | 3 | 0.89 kg |
| A070UD33TTI1100 | D300452 | 690 V | 700 V | 1100 A | 240 kA ² s | 1390 kA ² s | 200 kA | 135 W | 3 | 0.89 kg |
| Reinforced Terminal | | | | | | | | | | |
| A070UD33TTI1250 | E300453 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 150 W | 3 | 0.89 kg |
| A070UD33TTI1400 | F300454 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 160 W | 3 | 0.89 kg |
| A065UD33TTI1500 | F302064 | 600 V | 650 V | 1500 A | 470 kA ² s | 2500 kA ² s | 200 kA | 210 W | 3 | 0.89 kg |
| A065UD33TTI1600 | S301086 | 600 V | 650 V | 1600 A | 555 kA ² s | 2900 kA ² s | 200 kA | 210 W | 3 | 0.89 kg |
| A065UD33TTI1800 | T301087 | 600 V | 650 V | 1800 A | 720 kA ² s | 3870 kA ² s | 200 kA | 225 W | 3 | 0.89 kg |
| A060UD33TTI2000 | V301088 | 550 V | 600 V | 2000 A | 950 kA ² s | 4500 kA ² s | 200 kA | 250 W | 3 | 0.89 kg |
| A055UD33TTI2250 | W301089 | 500 V | 550 V | 2250 A | 1250 kA ² s | 5160 kA ² s | 200 kA | 280 W | 3 | 0.89 kg |
| A050UD33TTI2500 | Y300838 | 450 V | 500 V | 2500 A | 1870 kA ² s | 6540 kA ² s | 200 kA | 280 W | 3 | 0.89 kg |

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Protistor® size 33 aR
450 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC33UD69V1100A

Size 33 type DIN80 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| PC33UD69V450A | T302168 | 690 V | 700 V | 450 A | 13.45 kA ² s | 87 kA ² s | 200 kA | 88 W | 3 | 0.81 kg |
| PC33UD69V500A | G300248 | 690 V | 700 V | 500 A | 19 kA ² s | 110 kA ² s | 200 kA | 105 W | 3 | 0.81 kg |
| PC33UD69V550A | H300249 | 690 V | 700 V | 550 A | 27 kA ² s | 155 kA ² s | 200 kA | 110 W | 3 | 0.81 kg |
| PC33UD69V630A | J300250 | 690 V | 700 V | 630 A | 40 kA ² s | 230 kA ² s | 200 kA | 120 W | 3 | 0.81 kg |
| PC33UD69V700A | K300251 | 690 V | 700 V | 700 A | 57 kA ² s | 330 kA ² s | 200 kA | 125 W | 3 | 0.81 kg |
| PC33UD69V800A | L300252 | 690 V | 700 V | 800 A | 93 kA ² s | 540 kA ² s | 200 kA | 130 W | 3 | 0.81 kg |
| PC33UD69V900A | M300253 | 690 V | 700 V | 900 A | 130 kA ² s | 770 kA ² s | 200 kA | 135 W | 3 | 0.81 kg |
| PC33UD69V1000A | N300254 | 690 V | 700 V | 1000 A | 170 kA ² s | 990 kA ² s | 200 kA | 155 W | 3 | 0.81 kg |
| PC33UD69V1100A | P300255 | 690 V | 700 V | 1100 A | 240 kA ² s | 1390 kA ² s | 200 kA | 160 W | 3 | 0.81 kg |
| Reinforced Terminal | | | | | | | | | | |
| PC33UD69V1250A | Q300256 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 180 W | 3 | 0.81 kg |
| PC33UD69V1400A | R300257 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 200 W | 3 | 0.81 kg |
| PC33UD60V1500A | M235071 | 600 V | 650 V | 1500 A | 470 kA ² s | 2500 kA ² s | 200 kA | 210 W | 3 | 0.81 kg |
| PC33UD60V1600A | X301803 | 600 V | 650 V | 1600 A | 555 kA ² s | 2900 kA ² s | 200 kA | 240 W | 3 | 0.81 kg |
| PC33UD60V1800A | E301971 | 600 V | 650 V | 1800 A | 720 kA ² s | 3870 kA ² s | 200 kA | 225 W | 3 | 0.81 kg |
| PC33UD55V2000A | A302657 | 550 V | 600 V | 2000 A | 950 kA ² s | 4500 kA ² s | 200 kA | 250 W | 3 | 0.81 kg |



PC33UD69V11CD1A

Size 33 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| PC33UD69V450D1A | V302169 | 690 V | 700 V | 450 A | 13.45 kA ² s | 87 kA ² s | 200 kA | 88 W | 3 | 0.87 kg |
| PC33UD69V500D1A | S300258 | 690 V | 700 V | 500 A | 19 kA ² s | 110 kA ² s | 200 kA | 105 W | 3 | 0.87 kg |
| PC33UD69V550D1A | T300259 | 690 V | 700 V | 550 A | 27 kA ² s | 155 kA ² s | 200 kA | 110 W | 3 | 0.87 kg |
| PC33UD69V630D1A | V300260 | 690 V | 700 V | 630 A | 40 kA ² s | 230 kA ² s | 200 kA | 120 W | 3 | 0.87 kg |
| PC33UD69V700D1A | W300261 | 690 V | 700 V | 700 A | 57 kA ² s | 330 kA ² s | 200 kA | 125 W | 3 | 0.87 kg |
| PC33UD69V800D1A | X300262 | 690 V | 700 V | 800 A | 93 kA ² s | 540 kA ² s | 200 kA | 130 W | 3 | 0.87 kg |
| PC33UD69V900D1A | Y300263 | 690 V | 700 V | 900 A | 130 kA ² s | 770 kA ² s | 200 kA | 135 W | 3 | 0.87 kg |
| PC33UD69V10CD1A | Z300264 | 690 V | 700 V | 1000 A | 170 kA ² s | 990 kA ² s | 200 kA | 155 W | 3 | 0.87 kg |
| PC33UD69V11CD1A | A300265 | 690 V | 700 V | 1100 A | 240 kA ² s | 1390 kA ² s | 200 kA | 160 W | 3 | 0.87 kg |
| Reinforced Terminal | | | | | | | | | | |
| PC33UD69V12CD1A | B300266 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 180 W | 3 | 0.87 kg |
| PC33UD69V14CD1A | C300267 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 200 W | 3 | 0.87 kg |
| PC33UD60V15CD1A | H301974 | 600 V | 650 V | 1500 A | 470 kA ² s | 2500 kA ² s | 200 kA | 210 W | 3 | 0.87 kg |
| PC33UD60V16CD1A | Z301437 | 600 V | 650 V | 1600 A | 500 kA ² s | 2900 kA ² s | 200 kA | 240 W | 3 | 0.87 kg |
| PC33UD60V18CD1A | - | 600 V | 650 V | 1800 A | 720 kA ² s | 3870 kA ² s | 160 kA | 260 W | 3 | 0.87 kg |
| PC33UD55V20CD1A | S1015765 | 550 V | 600 V | 2000 A | 950 kA ² s | 4500 kA ² s | 200 kA | 290 W | 3 | 0.87 kg |

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Protistor® size 33 aR
450 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



A070UD33KI1100

Size 33 type KI short slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| A070UD33KI500 | W300238 | 690 V | 700 V | 500 A | 19 kA ² s | 110 kA ² s | 200 kA | 105 W | 3 | 0.85 kg |
| A070UD33KI550 | X300239 | 690 V | 700 V | 550 A | 27 kA ² s | 155 kA ² s | 200 kA | 110 W | 3 | 0.85 kg |
| A070UD33KI630 | Y300240 | 690 V | 700 V | 630 A | 40 kA ² s | 230 kA ² s | 200 kA | 120 W | 3 | 0.85 kg |
| A070UD33KI700 | Z300241 | 690 V | 700 V | 700 A | 57 kA ² s | 330 kA ² s | 200 kA | 125 W | 3 | 0.85 kg |
| A070UD33KI800 | A300242 | 690 V | 700 V | 800 A | 93 kA ² s | 540 kA ² s | 200 kA | 130 W | 3 | 0.85 kg |
| A070UD33KI900 | B300243 | 690 V | 700 V | 900 A | 130 kA ² s | 770 kA ² s | 200 kA | 135 W | 3 | 0.85 kg |
| A070UD33KI1000 | C300244 | 690 V | 700 V | 1000 A | 170 kA ² s | 990 kA ² s | 200 kA | 155 W | 3 | 0.85 kg |
| A070UD33KI1100 | D300245 | 690 V | 700 V | 1100 A | 240 kA ² s | 1390 kA ² s | 200 kA | 160 W | 3 | 0.85 kg |
| Reinforced Terminal | | | | | | | | | | |
| A070UD33KI1250 | E300246 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 180 W | 3 | 0.85 kg |
| A070UD33KI1400 | F300247 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 200 W | 3 | 0.85 kg |
| A065UD33KI1600 | E302063 | 600 V | 650 V | 1600 A | 555 kA ² s | 2900 kA ² s | 200 kA | 240 W | 3 | 0.85 kg |



A070UD33LI1100

Size 33 type LI long slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| A070UD33LI450 | Y302172 | 690 V | 700 V | 450 A | 13.45 kA ² s | 87 kA ² s | 200 kA | 88 W | 3 | 0.88 kg |
| A070UD33LI500 | K300228 | 690 V | 700 V | 500 A | 19 kA ² s | 110 kA ² s | 200 kA | 105 W | 3 | 0.88 kg |
| A070UD33LI550 | L300229 | 690 V | 700 V | 550 A | 27 kA ² s | 155 kA ² s | 200 kA | 110 W | 3 | 0.88 kg |
| A070UD33LI630 | M300230 | 690 V | 700 V | 630 A | 40 kA ² s | 230 kA ² s | 200 kA | 120 W | 3 | 0.88 kg |
| A070UD33LI700 | N300231 | 690 V | 700 V | 700 A | 57 kA ² s | 330 kA ² s | 200 kA | 125 W | 3 | 0.88 kg |
| A070UD33LI800 | P300232 | 690 V | 700 V | 800 A | 93 kA ² s | 540 kA ² s | 200 kA | 130 W | 3 | 0.88 kg |
| A070UD33LI900 | Q300233 | 690 V | 700 V | 900 A | 130 kA ² s | 770 kA ² s | 200 kA | 135 W | 3 | 0.88 kg |
| A070UD33LI1000 | R300234 | 690 V | 700 V | 1000 A | 170 kA ² s | 990 kA ² s | 200 kA | 155 W | 3 | 0.88 kg |
| A070UD33LI1100 | S300235 | 690 V | 700 V | 1100 A | 240 kA ² s | 1390 kA ² s | 200 kA | 160 W | 3 | 0.88 kg |
| Reinforced Terminal | | | | | | | | | | |
| A070UD33LI1250 | T300236 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 180 W | 3 | 0.88 kg |
| A070UD33LI1400 | V300237 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 200 W | 3 | 0.88 kg |
| A060UD33LI1500 | P300531 | 600 V | 650 V | 1500 A | 470 kA ² s | 2500 kA ² s | 200 kA | 210 W | 3 | 0.88 kg |
| A060UD33LI2000 | J301078 | 550 V | 600 V | 2000 A | 950 kA ² s | 4500 kA ² s | 200 kA | 290 W | 3 | 0.88 kg |
| A065UD33LI1600 | G301076 | 600 V | 650 V | 1600 A | 555 kA ² s | 2900 kA ² s | 200 kA | 240 W | 3 | 0.88 kg |
| A065UD33LI1800 | H301077 | 600 V | 650 V | 1800 A | 720 kA ² s | 3870 kA ² s | 200 kA | 260 W | 3 | 0.88 kg |

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Protistor® size 33 aR
450 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC33UD69V1400EF

Size 33 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | | |
| PC33UD69V500EF | Z300218 | 690 V | 700 V | 500 A | 19 kA ² s | 110 kA ² s | 200 kA | 105 W | 3 | 0.85 kg |
| PC33UD69V550EF | A300219 | 690 V | 700 V | 550 A | 27 kA ² s | 155 kA ² s | 200 kA | 110 W | 3 | 0.85 kg |
| PC33UD69V630EF | B300220 | 690 V | 700 V | 630 A | 40 kA ² s | 230 kA ² s | 200 kA | 120 W | 3 | 0.85 kg |
| PC33UD69V700EF | C300221 | 690 V | 700 V | 700 A | 57 kA ² s | 330 kA ² s | 200 kA | 125 W | 3 | 0.85 kg |
| PC33UD69V800EF | D300222 | 690 V | 700 V | 800 A | 93 kA ² s | 540 kA ² s | 200 kA | 130 W | 3 | 0.85 kg |
| PC33UD69V900EF | E300223 | 690 V | 700 V | 900 A | 130 kA ² s | 770 kA ² s | 200 kA | 135 W | 3 | 0.85 kg |
| PC33UD69V1000EF | F300224 | 690 V | 700 V | 1000 A | 170 kA ² s | 990 kA ² s | 200 kA | 155 W | 3 | 0.85 kg |
| PC33UD69V1100EF | G300225 | 690 V | 700 V | 1100 A | 240 kA ² s | 1390 kA ² s | 200 kA | 160 W | 3 | 0.85 kg |
| Reinforced Terminal | | | | | | | | | | |
| PC33UD69V1250EF | H300226 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 180 W | 3 | 0.85 kg |
| PC33UD69V1400EF | J300227 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 200 W | 3 | 0.85 kg |

Size 33 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC33UD60V1600PA | W302722 | 600 V | 650 V | 1600 A | 555 kA ² s | 2900 kA ² s | 200 kA | 240 W | 3 | 1.17 kg |
| PC33UD69V1250PA | V302721 | 690 V | 700 V | 1250 A | 355 kA ² s | 2053 kA ² s | 200 kA | 180 W | 3 | 1.17 kg |
| PC33UD69V1400PA | P1028044 | 690 V | 700 V | 1400 A | 465 kA ² s | 2700 kA ² s | 200 kA | 200 W | 3 | 1.17 kg |

Protistor® size 2x32 and 2x33 aR
400 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC232UD69V8CTF

Size 2x32 type TTF M10 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC232UD69V8CTF | T300305 | 690 V | 700 V | 800 A | 61 kA ² s | 320 kA ² s | 170 kA | 144 W | 1 | 1.33 kg |
| PC232UD69V10CTF | T300213 | 690 V | 700 V | 1000 A | 111 kA ² s | 590 kA ² s | 170 kA | 165 W | 1 | 1.33 kg |
| PC232UD69V13CTF | V300214 | 690 V | 700 V | 1250 A | 218 kA ² s | 1100 kA ² s | 170 kA | 190 W | 1 | 1.33 kg |
| PC232UD69V14CTF | G300087 | 690 V | 700 V | 1400 A | 307 kA ² s | 1600 kA ² s | 170 kA | 200 W | 1 | 1.33 kg |



PC233UD69V13CTF

Size 2x33 type M12 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC233UD69V13CTF | D300268 | 690 V | 700 V | 1250 A | 159 kA ² s | 850 kA ² s | 170 kA | 230 W | 1 | 1.93 kg |
| PC233UD69V14CTF | E300269 | 690 V | 700 V | 1400 A | 228 kA ² s | 1200 kA ² s | 170 kA | 240 W | 1 | 1.93 kg |
| PC233UD69V16CTF | F300270 | 690 V | 700 V | 1600 A | 370 kA ² s | 1900 kA ² s | 170 kA | 250 W | 1 | 1.93 kg |

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Protistor® size 2x32 and 2x33 aR
400 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



PC36UD69V18CP11

Size 2x33 type PLAF M10 threaded plates

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| PC36UD69V18CP11 | B300427 | 690 V | 700 V | 1800 A | 515 kA ² s | 2800 kA ² s | 170 kA | 250 W | 1 | 2.5 kg |
| PC36UD60V20CP11 | R302235 | 600 V | 650 V | 2000 A | 682 kA ² s | 3100 kA ² s | 160 kA | 280 W | 1 | 2.5 kg |
| PC36UD60V22CP11 | Q302234 | 600 V | 650 V | 2200 A | 957 kA ² s | 4400 kA ² s | 160 kA | 280 W | 1 | 2.5 kg |
| PC36UD60V25CP11 | P302233 | 600 V | 650 V | 2500 A | 1410 kA ² s | 6600 kA ² s | 160 kA | 310 W | 1 | 2.5 kg |
| PC36UD60V28CP11 | N302232 | 600 V | 650 V | 2800 A | 1855 kA ² s | 8800 kA ² s | 160 kA | 330 W | 1 | 2.5 kg |
| PC36UD55V30CP11 | L301977 | 550 V | 600 V | 3000 A | 1870 kA ² s | 9000 kA ² s | 150 kA | 440 W | 1 | 2.5 kg |
| PC36UD55V32CP11 | M301978 | 550 V | 600 V | 3200 A | 2220 kA ² s | 10800 kA ² s | 150 kA | 455 W | 1 | 2.5 kg |
| PC36UD50V36CP11 | N301979 | 500 V | 550 V | 3600 A | 2880 kA ² s | 12400 kA ² s | 130 kA | 465 W | 1 | 2.5 kg |
| PC36UD50V40CP11 | P301980 | 500 V | 550 V | 4000 A | 3790 kA ² s | 16200 kA ² s | 130 kA | 515 W | 1 | 2.5 kg |
| PC36UD45V45CP11 | Q301981 | 450 V | 500 V | 4500 A | 5000 kA ² s | 18600 kA ² s | 130 kA | 560 W | 1 | 2.5 kg |
| PC36UD40V50CP11 | R301982 | 400 V | 400 V | 5000 A | 7470 kA ² s | 23100 kA ² s | 200 kA | 580 W | 1 | 2.5 kg |

Protistor® size 70 aR
1100 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



PC70UD13C200TF

Size 70 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC70UD13C50TF | C301095 | 1250 V | 1300 V | 50 A | 120 A ² s | 980 A ² s | 126 kA | 16 W | 3 | 0.34 kg |
| PC70UD13C63TF | M300483 | 1250 V | 1300 V | 63 A | 210 A ² s | 1680 A ² s | 126 kA | 26 W | 3 | 0.34 kg |
| PC70UD13C80TF | N300484 | 1250 V | 1300 V | 80 A | 470 A ² s | 3780 A ² s | 126 kA | 27 W | 3 | 0.34 kg |
| PC70UD13C100TF | P300485 | 1250 V | 1300 V | 100 A | 830 A ² s | 6750 A ² s | 126 kA | 30 W | 3 | 0.34 kg |
| PC70UD13C125TF | Q300486 | 1250 V | 1300 V | 125 A | 1310 A ² s | 10500 A ² s | 126 kA | 38 W | 3 | 0.34 kg |
| PC70UD13C160TF | R300487 | 1250 V | 1300 V | 160 A | 2570 A ² s | 21000 A ² s | 126 kA | 45 W | 3 | 0.34 kg |
| PC70UD13C200TF | S300488 | 1250 V | 1300 V | 200 A | 4730 A ² s | 38000 A ² s | 126 kA | 54 W | 3 | 0.34 kg |
| PC70UD13C250TF | T300489 | 1250 V | 1300 V | 250 A | 9580 A ² s | 77000 A ² s | 126 kA | 58 W | 3 | 0.34 kg |
| PC70UD12C280TF | N300714 | 1200 V | 1300 V | 280 A | 14200 A ² s | 106000 A ² s | 150 kA | 61 W | 3 | 0.34 kg |
| PC70UD12C315TF | V300490 | 1200 V | 1300 V | 315 A | 20000 A ² s | 149000 A ² s | 150 kA | 66 W | 3 | 0.34 kg |
| PC70UD11C350TF | W300491 | 1100 V | 1200 V | 350 A | 27800 A ² s | 180000 A ² s | 100 kA | 68 W | 3 | 0.34 kg |
| PC70UD11C400TF | E300867 | 1100 V | 1200 V | 400 A | 38700 A ² s | 254000 A ² s | 100 kA | 81 W | 3 | 0.34 kg |
| PC70UD11C450TF | H301284 | 1100 V | 1200 V | 450 A | 61700 A ² s | 405000 A ² s | 100 kA | 82 W | 3 | 0.34 kg |
| PC70UD10C500TF | J301285 | 1000 V | 1100 V | 500 A | 84000 A ² s | 483000 A ² s | 100 kA | 83 W | 3 | 0.34 kg |



A120UD70TTI350

Size 70 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A130UD70TTI63 | Q301015 | 1250 V | 1300 V | 63 A | 210 A ² s | 1680 A ² s | 200 kA | 26 W | 3 | 0.35 kg |
| A130UD70TTI80 | R301016 | 1250 V | 1300 V | 80 A | 470 A ² s | 3780 A ² s | 200 kA | 27 W | 3 | 0.35 kg |
| A130UD70TTI100 | S301017 | 1250 V | 1300 V | 100 A | 830 A ² s | 6750 A ² s | 200 kA | 30 W | 3 | 0.35 kg |
| A130UD70TTI125 | T301018 | 1250 V | 1300 V | 125 A | 1310 A ² s | 10500 A ² s | 200 kA | 38 W | 3 | 0.35 kg |
| A130UD70TTI160 | V301019 | 1250 V | 1300 V | 160 A | 2570 A ² s | 21000 A ² s | 200 kA | 45 W | 3 | 0.35 kg |
| A130UD70TTI200 | W301020 | 1250 V | 1300 V | 200 A | 4730 A ² s | 38000 A ² s | 200 kA | 54 W | 3 | 0.35 kg |
| A130UD70TTI250 | X301021 | 1250 V | 1300 V | 250 A | 9580 A ² s | 77000 A ² s | 150 kA | 58 W | 3 | 0.35 kg |
| A130UD70TTI280 | Y301022 | 1200 V | 1300 V | 280 A | 14200 A ² s | 106000 A ² s | 150 kA | 61 W | 3 | 0.35 kg |
| A130UD70TTI315 | Z301023 | 1200 V | 1300 V | 315 A | 20000 A ² s | 149000 A ² s | 150 kA | 66 W | 3 | 0.35 kg |
| A120UD70TTI350 | A301024 | 1100 V | 1200 V | 350 A | 27800 A ² s | 180000 A ² s | 150 kA | 68 W | 3 | 0.35 kg |

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Protistor® size 70 aR
1100 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



PC70UD13C200D1A

Size 70 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC70UD13C63D1A | V300536 | 1250 V | 1300 V | 63 A | 210 A ² s | 1680 A ² s | 126 kA | 26 W | 3 | 0.36 kg |
| PC70UD13C80D1A | W300537 | 1250 V | 1300 V | 80 A | 470 A ² s | 3780 A ² s | 126 kA | 27 W | 3 | 0.36 kg |
| PC70UD13C100D1A | X300538 | 1250 V | 1300 V | 100 A | 830 A ² s | 6750 A ² s | 126 kA | 30 W | 3 | 0.36 kg |
| PC70UD13C125D1A | Y300539 | 1250 V | 1300 V | 125 A | 1310 A ² s | 10500 A ² s | 126 kA | 38 W | 3 | 0.36 kg |
| PC70UD13C160D1A | Z300540 | 1250 V | 1300 V | 160 A | 2570 A ² s | 21000 A ² s | 126 kA | 45 W | 3 | 0.36 kg |
| PC70UD13C200D1A | A300541 | 1250 V | 1300 V | 200 A | 4730 A ² s | 38000 A ² s | 126 kA | 56 W | 3 | 0.36 kg |
| PC70UD13C250D1A | B300542 | 1250 V | 1300 V | 250 A | 9580 A ² s | 77000 A ² s | 126 kA | 61 W | 3 | 0.36 kg |
| PC70UD12C280D1A | J300710 | 1200 V | 1300 V | 280 A | 14200 A ² s | 106000 A ² s | 150 kA | 64 W | 3 | 0.36 kg |
| PC70UD12C315D1A | C300543 | 1200 V | 1300 V | 315 A | 20000 A ² s | 149000 A ² s | 150 kA | 72 W | 3 | 0.36 kg |
| PC70UD11C350D1A | D300544 | 1100 V | 1200 V | 350 A | 27800 A ² s | 180000 A ² s | 150 kA | 75 W | 3 | 0.36 kg |



A130UD70LI063

Size 70 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A130UD70LI063 | W300652 | 1250 V | 1300 V | 63 A | 210 A ² s | 1680 A ² s | 200 kA | 26 W | 3 | 0.38 kg |
| A130UD70LI080 | X300653 | 1250 V | 1300 V | 80 A | 470 A ² s | 3780 A ² s | 200 kA | 27 W | 3 | 0.38 kg |
| A130UD70LI100 | Y300654 | 1250 V | 1300 V | 100 A | 830 A ² s | 6750 A ² s | 200 kA | 30 W | 3 | 0.38 kg |
| A130UD70LI125 | Z300655 | 1250 V | 1300 V | 125 A | 1310 A ² s | 10500 A ² s | 200 kA | 38 W | 3 | 0.38 kg |
| A130UD70LI160 | A300656 | 1250 V | 1300 V | 160 A | 2570 A ² s | 21000 A ² s | 200 kA | 45 W | 3 | 0.38 kg |
| A130UD70LI200 | B300657 | 1250 V | 1300 V | 200 A | 4730 A ² s | 38000 A ² s | 200 kA | 56 W | 3 | 0.38 kg |
| A130UD70LI250 | C300658 | 1250 V | 1300 V | 250 A | 9580 A ² s | 77000 A ² s | 150 kA | 61 W | 3 | 0.38 kg |
| A130UD70LI280 | Q300716 | 1200 V | 1300 V | 280 A | 14200 A ² s | 106000 A ² s | 150 kA | 64 W | 3 | 0.38 kg |
| A130UD70LI315 | D300659 | 1200 V | 1300 V | 315 A | 20000 A ² s | 149000 A ² s | 150 kA | 72 W | 3 | 0.38 kg |
| A120UD70LI350 | E300660 | 1100 V | 1200 V | 350 A | 27800 A ² s | 180000 A ² s | 150 kA | 75 W | 3 | 0.38 kg |



PC70UD11C350EF

Size 70 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC70UD13C63EF | P300600 | 1250 V | 1300 V | 63 A | 210 A ² s | 1680 A ² s | 126 kA | 26 W | 3 | 0.36 kg |
| PC70UD13C80EF | Q300601 | 1250 V | 1300 V | 80 A | 470 A ² s | 3780 A ² s | 126 kA | 27 W | 3 | 0.36 kg |
| PC70UD13C100EF | R300602 | 1250 V | 1300 V | 100 A | 830 A ² s | 6750 A ² s | 126 kA | 30 W | 3 | 0.36 kg |
| PC70UD13C125EF | S300603 | 1250 V | 1300 V | 125 A | 1310 A ² s | 10500 A ² s | 126 kA | 38 W | 3 | 0.36 kg |
| PC70UD13C160EF | T300604 | 1250 V | 1300 V | 160 A | 2570 A ² s | 21000 A ² s | 126 kA | 45 W | 3 | 0.36 kg |
| PC70UD13C200EF | V300605 | 1250 V | 1300 V | 200 A | 4730 A ² s | 38000 A ² s | 126 kA | 56 W | 3 | 0.36 kg |
| PC70UD13C250EF | W300606 | 1250 V | 1300 V | 250 A | 9580 A ² s | 77000 A ² s | 126 kA | 61 W | 3 | 0.36 kg |
| PC70UD12C280EF | L300712C | 1200 V | 1300 V | 280 A | 14200 A ² s | 106000 A ² s | 126 kA | 64 W | 3 | 0.36 kg |
| PC70UD12C315EF | X300607 | 1200 V | 1300 V | 315 A | 20000 A ² s | 149000 A ² s | 150 kA | 72 W | 3 | 0.36 kg |
| PC70UD11C350EF | Y300608 | 1100 V | 1200 V | 350 A | 27800 A ² s | 180000 A ² s | 150 kA | 75 W | 3 | 0.36 kg |



PC70UD13C50PA

Size 70 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC70UD13C50PA | J301423 | 1250 V | 1300 V | 50 A | 120 A ² s | 980 A ² s | 126 kA | 16 W | 3 | 0.36 kg |
| PC70UD13C63PA | A301185 | 1250 V | 1300 V | 63 A | 210 A ² s | 1680 A ² s | 126 kA | 26 W | 3 | 0.36 kg |
| PC70UD13C80PA | M301242 | 1250 V | 1300 V | 80 A | 470 A ² s | 3780 A ² s | 126 kA | 27 W | 3 | 0.36 kg |
| PC70UD13C100PA | J301124 | 1250 V | 1300 V | 100 A | 830 A ² s | 6750 A ² s | 126 kA | 30 W | 3 | 0.36 kg |
| PC70UD13C125PA | K301125 | 1250 V | 1300 V | 125 A | 1310 A ² s | 10500 A ² s | 126 kA | 38 W | 3 | 0.36 kg |
| PC70UD13C160PA | D301188 | 1250 V | 1300 V | 160 A | 2570 A ² s | 21000 A ² s | 126 kA | 45 W | 3 | 0.36 kg |
| PC70UD13C200PA | Z300839 | 1250 V | 1300 V | 200 A | 4730 A ² s | 38000 A ² s | 126 kA | 56 W | 3 | 0.36 kg |

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Protistor® size 71 aR
750 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



Size 71 type TTF M8 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC71UD13C160TF | B300749 | 1250 V | 1300 V | 160 A | 2.6 kA ² s | 21 kA ² s | 126 kA | 46 W | 3 | 0.52 kg |
| PC71UD13C200TF | Z300517 | 1250 V | 1300 V | 200 A | 4.7 kA ² s | 38 kA ² s | 126 kA | 54 W | 3 | 0.52 kg |
| PC71UD13C250TF | A300518 | 1250 V | 1300 V | 250 A | 8.9 kA ² s | 72 kA ² s | 126 kA | 61 W | 3 | 0.52 kg |
| PC71UD13C280TF | P300715 | 1250 V | 1300 V | 280 A | 12 kA ² s | 96 kA ² s | 126 kA | 68 W | 3 | 0.52 kg |
| PC71UD13C315TF | B300519 | 1250 V | 1300 V | 315 A | 16 kA ² s | 129 kA ² s | 126 kA | 73 W | 3 | 0.52 kg |
| PC71UD13C350TF | C300520 | 1250 V | 1300 V | 350 A | 22 kA ² s | 178 kA ² s | 126 kA | 76 W | 3 | 0.52 kg |
| PC71UD13C400TF | D300521 | 1250 V | 1300 V | 400 A | 38 kA ² s | 308 kA ² s | 126 kA | 76 W | 3 | 0.52 kg |
| PC71UD13C450TF | E300522 | 1250 V | 1300 V | 450 A | 47.2 kA ² s | 378 kA ² s | 126 kA | 87 W | 3 | 0.52 kg |
| PC71UD11C500TF | F300523 | 1100 V | 1200 V | 500 A | 68 kA ² s | 441 kA ² s | 150 kA | 90 W | 3 | 0.52 kg |
| PC71UD11C550TF | G300524 | 1100 V | 1200 V | 550 A | 84 kA ² s | 548 kA ² s | 150 kA | 98 W | 3 | 0.52 kg |
| PC71UD11C630TF | H300525 | 1000 V | 1100 V | 630 A | 126 kA ² s | 725 kA ² s | 150 kA | 105 W | 3 | 0.52 kg |
| PC71UD10C700TF | M301288 | 1000 V | 1100 V | 700 A | 180 kA ² s | 1040 kA ² s | 150 kA | 105 W | 3 | 0.52 kg |
| PC71UD90V800TF | Z300862 | 900 V | 950 V | 800 A | 290 kA ² s | 1540 kA ² s | 150 kA | 116 W | 3 | 0.52 kg |
| PC71UD80V900TF | N301289 | 800 V | 850 V | 900 A | 446 kA ² s | 2010 kA ² s | 150 kA | 100 W | 3 | 0.52 kg |
| PC71UD75V10CTF | R301292 | 750 V | 800 V | 1000 A | 556 kA ² s | 2310 kA ² s | 150 kA | 129 W | 3 | 0.52 kg |



Size 71 type TTI 5/16 in - 18 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| A130UD71TTI160 | B301025 | 1250 V | 1300 V | 160 A | 2.6 kA ² s | 21 kA ² s | 126 kA | 46 W | 3 | 0.5 kg |
| A130UD71TTI200 | C301026 | 1250 V | 1300 V | 200 A | 4.7 kA ² s | 38 kA ² s | 126 kA | 54 W | 3 | 0.5 kg |
| A130UD71TTI250 | D301027 | 1250 V | 1300 V | 250 A | 8.9 kA ² s | 72 kA ² s | 126 kA | 61 W | 3 | 0.5 kg |
| A130UD71TTI280 | E301028 | 1250 V | 1300 V | 280 A | 12 kA ² s | 96 kA ² s | 126 kA | 68 W | 3 | 0.5 kg |
| A130UD71TTI315 | F301029 | 1250 V | 1300 V | 315 A | 16 kA ² s | 129 kA ² s | 126 kA | 73 W | 3 | 0.5 kg |
| A130UD71TTI350 | G301030 | 1250 V | 1300 V | 350 A | 22 kA ² s | 178 kA ² s | 126 kA | 76 W | 3 | 0.5 kg |
| A120UD71TTI550 | L301034 | 1100 V | 1200 V | 550 A | 84 kA ² s | 548 kA ² s | 150 kA | 98 W | 3 | 0.5 kg |
| A120UD71TTI630 | M301035 | 1000 V | 1100 V | 630 A | 126 kA ² s | 820 kA ² s | 126 kA | 105 W | 3 | 0.5 kg |
| A130UD71TTI400 | H301031 | 1250 V | 1300 V | 400 A | 38 kA ² s | 308 kA ² s | 126 kA | 76 W | 3 | 0.5 kg |
| A130UD71TTI450 | J301032 | 1250 V | 1300 V | 450 A | 47 kA ² s | 378 kA ² s | 126 kA | 87 W | 3 | 0.5 kg |
| A130UD71TTI500 | K301033 | 1100 V | 1200 V | 500 A | 68 kA ² s | 441 kA ² s | 150 kA | 90 W | 3 | 0.5 kg |



Size 71 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC71UD13C160D1A | D300751 | 1250 V | 1300 V | 160 A | 2.6 kA ² s | 21 kA ² s | 126 kA | 46 W | 3 | 0.52 kg |
| PC71UD13C200D1A | E300545 | 1250 V | 1300 V | 200 A | 4.7 kA ² s | 38 kA ² s | 126 kA | 54 W | 3 | 0.52 kg |
| PC71UD13C250D1A | F300546 | 1250 V | 1300 V | 250 A | 8.9 kA ² s | 72 kA ² s | 126 kA | 61 W | 3 | 0.52 kg |
| PC71UD10C630D1A | N300553 | 1000 V | 1100 V | 630 A | 125 kA ² s | 725 kA ² s | 167 kA | 120 W | 3 | 0.52 kg |
| PC71UD13C280D1A | K300711 | 1250 V | 1300 V | 280 A | 12 kA ² s | 96 kA ² s | 126 kA | 70 W | 3 | 0.52 kg |
| PC71UD13C315D1A | G300547 | 1250 V | 1300 V | 315 A | 16 kA ² s | 129 kA ² s | 126 kA | 76 W | 3 | 0.52 kg |
| PC71UD13C350D1A | H300548 | 1250 V | 1300 V | 350 A | 22 kA ² s | 178 kA ² s | 126 kA | 80 W | 3 | 0.52 kg |
| PC71UD13C400D1A | J300549 | 1250 V | 1300 V | 400 A | 38 kA ² s | 308 kA ² s | 126 kA | 80 W | 3 | 0.52 kg |
| PC71UD13C450D1A | K300550 | 1250 V | 1300 V | 450 A | 47 kA ² s | 378 kA ² s | 126 kA | 95 W | 3 | 0.52 kg |
| PC71UD11C500D1A | L300551 | 1100 V | 1200 V | 500 A | 68 kA ² s | 441 kA ² s | 150 kA | 100 W | 3 | 0.52 kg |
| PC71UD11C550D1A | M300552 | 1100 V | 1200 V | 550 A | 84 kA ² s | 548 kA ² s | 150 kA | 112 W | 3 | 0.52 kg |

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Protistor® size 71 aR
750 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



A110UD71LLI630

Size 71 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A130UD71LLI160 | E300752 | 1250 V | 1300 V | 160 A | 2.6 kA ² s | 21 kA ² s | 126 kA | 46 W | 3 | 0.54 kg |
| A130UD71LLI200 | F300661 | 1250 V | 1300 V | 200 A | 4.7 kA ² s | 38 kA ² s | 126 kA | 54 W | 3 | 0.54 kg |
| A130UD71LLI250 | G300662 | 1250 V | 1300 V | 250 A | 8.9 kA ² s | 72 kA ² s | 126 kA | 61 W | 3 | 0.54 kg |
| A130UD71LLI280 | R300717 | 1250 V | 1300 V | 280 A | 12 kA ² s | 96 kA ² s | 126 kA | 70 W | 3 | 0.54 kg |
| A130UD71LLI315 | H300663 | 1250 V | 1300 V | 315 A | 16 kA ² s | 129 kA ² s | 126 kA | 76 W | 3 | 0.54 kg |
| A130UD71LLI350 | J300664 | 1250 V | 1300 V | 350 A | 22 kA ² s | 178 kA ² s | 126 kA | 80 W | 3 | 0.54 kg |
| A130UD71LLI400 | K300665 | 1250 V | 1300 V | 400 A | 38 kA ² s | 308 kA ² s | 126 kA | 80 W | 3 | 0.54 kg |
| A130UD71LLI450 | L300666 | 1250 V | 1300 V | 450 A | 47 kA ² s | 378 kA ² s | 126 kA | 95 W | 3 | 0.54 kg |
| A120UD71LLI500 | M300667 | 1100 V | 1200 V | 500 A | 68 kA ² s | 441 kA ² s | 150 kA | 100 W | 3 | 0.54 kg |
| A120UD71LLI550 | N300668 | 1100 V | 1200 V | 550 A | 84 kA ² s | 548 kA ² s | 167 kA | 112 W | 3 | 0.54 kg |
| A110UD71LLI630 | P300669 | 1000 V | 1100 V | 630 A | 126 kA ² s | 725 kA ² s | 167 kA | 120 W | 3 | 0.54 kg |



PC71UD11C550EF

Size 71 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC71UD13C160EF | C300750 | 1250 V | 1300 V | 160 A | 2.6 kA ² s | 21 kA ² s | 126 kA | 46 W | 3 | 0.54 kg |
| PC71UD13C200EF | Z300609 | 1250 V | 1300 V | 200 A | 4.7 kA ² s | 38 kA ² s | 126 kA | 54 W | 3 | 0.54 kg |
| PC71UD13C250EF | A300610 | 1250 V | 1300 V | 250 A | 8.9 kA ² s | 72 kA ² s | 126 kA | 61 W | 3 | 0.54 kg |
| PC71UD13C280EF | M300713 | 1250 V | 1300 V | 280 A | 12 kA ² s | 96 kA ² s | 126 kA | 70 W | 3 | 0.54 kg |
| PC71UD10C630EF | H300617 | 1000 V | 1100 V | 630 A | 126 kA ² s | 725 kA ² s | 167 kA | 120 W | 3 | 0.54 kg |
| PC71UD13C315EF | B300611 | 1250 V | 1300 V | 315 A | 16 kA ² s | 129 kA ² s | 126 kA | 76 W | 3 | 0.54 kg |
| PC71UD13C350EF | C300612 | 1250 V | 1300 V | 350 A | 22 kA ² s | 178 kA ² s | 126 kA | 80 W | 3 | 0.54 kg |
| PC71UD13C400EF | D300613 | 1250 V | 1300 V | 400 A | 38 kA ² s | 308 kA ² s | 126 kA | 80 W | 3 | 0.54 kg |
| PC71UD13C450EF | E300614 | 1250 V | 1300 V | 450 A | 47 kA ² s | 378 kA ² s | 126 kA | 95 W | 3 | 0.54 kg |
| PC71UD11C500EF | F300615 | 1100 V | 1200 V | 500 A | 68 kA ² s | 441 kA ² s | 150 kA | 100 W | 3 | 0.54 kg |
| PC71UD11C550EF | G300616 | 1100 V | 1200 V | 550 A | 84 kA ² s | 548 kA ² s | 167 kA | 112 W | 3 | 0.54 kg |



PC71UD13C450PA

Size 71 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC71UD13C160PA | M301219 | 1250 V | 1300 V | 160 A | 2.6 kA ² s | 21 kA ² s | 126 kA | 46 W | 3 | 0.56 kg |
| PC71UD13C200PA | G301835 | 1250 V | 1300 V | 200 A | 4.7 kA ² s | 38 kA ² s | 126 kA | 54 W | 3 | 0.56 kg |
| PC71UD13C250PA | B301163 | 1250 V | 1300 V | 250 A | 8.9 kA ² s | 72 kA ² s | 126 kA | 61 W | 3 | 0.56 kg |
| PC71UD13C315PA | A300840 | 1250 V | 1300 V | 315 A | 16 kA ² s | 129 kA ² s | 126 kA | 76 W | 3 | 0.56 kg |
| PC71UD13C350PA | H1000070 | 1250 V | 1300 V | 350 A | 22 kA ² s | 178 kA ² s | 126 kA | 80 W | 3 | 0.56 kg |
| PC71UD13C400PA | Q301222 | 1250 V | 1300 V | 400 A | 38 kA ² s | 308 kA ² s | 126 kA | 80 W | 3 | 0.56 kg |
| PC71UD13C450PA | W302975 | 1250 V | 1300 V | 450 A | 47 kA ² s | 378 kA ² s | 126 kA | 95 W | 3 | 0.56 kg |

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Protistor® size 72 aR
850 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



PC72UD13C630TF

Size 72 type TTF M10 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| PC72UD13C315TF | Z300494 | 1250 V | 1300 V | 315 A | 15.1 kA ² s | 125 kA ² s | 126 kA | 76 W | 3 | 0.8 kg |
| PC72UD13C350TF | A300495 | 1250 V | 1300 V | 350 A | 21 kA ² s | 170 kA ² s | 126 kA | 77 W | 3 | 0.8 kg |
| PC72UD13C400TF | B300496 | 1250 V | 1300 V | 400 A | 32.8 kA ² s | 270 kA ² s | 126 kA | 80 W | 3 | 0.8 kg |
| PC72UD13C450TF | C300497 | 1250 V | 1300 V | 450 A | 44.2 kA ² s | 360 kA ² s | 126 kA | 89 W | 3 | 0.8 kg |
| PC72UD13C500TF | D300498 | 1250 V | 1300 V | 500 A | 57.1 kA ² s | 465 kA ² s | 126 kA | 98 W | 3 | 0.8 kg |
| PC72UD13C550TF | E300499 | 1250 V | 1300 V | 550 A | 68 kA ² s | 550 kA ² s | 126 kA | 110 W | 3 | 0.8 kg |
| PC72UD13C630TF | F300500 | 1250 V | 1300 V | 630 A | 106.3 kA ² s | 860 kA ² s | 126 kA | 113 W | 3 | 0.8 kg |
| PC72UD11C700TF | G300501 | 1100 V | 1200 V | 700 A | 141.9 kA ² s | 920 kA ² s | 150 kA | 140 W | 3 | 0.8 kg |
| PC72UD11C800TF | H300502 | 1100 V | 1200 V | 800 A | 215.1 kA ² s | 1400 kA ² s | 150 kA | 146 W | 3 | 0.8 kg |
| PC72UD10C900TF | G300869 | 1000 V | 1100 V | 900 A | 312 kA ² s | 1800 kA ² s | 167 kA | 152 W | 3 | 0.8 kg |
| PC72UD85V1000TF | T301294 | 850 V | 900 V | 1000 A | 439 kA ² s | 2150 kA ² s | 100 kA | 136 W | 3 | 0.8 kg |



A120UD72TTI800

Size 72 type TTI 3/8 in - 16 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A130UD72TTI280 | N301036 | 1250 V | 1300 V | 280 A | 10.3 kA ² s | 85 kA ² s | 126 kA | 72 W | 3 | 0.85 kg |
| A130UD72TTI315 | P301037 | 1250 V | 1300 V | 315 A | 15.1 kA ² s | 125 kA ² s | 126 kA | 76 W | 3 | 0.85 kg |
| A130UD72TTI350 | Q301038 | 1250 V | 1300 V | 350 A | 21 kA ² s | 170 kA ² s | 126 kA | 77 W | 3 | 0.85 kg |
| A130UD72TTI400 | R301039 | 1250 V | 1300 V | 400 A | 32.8 kA ² s | 270 kA ² s | 126 kA | 80 W | 3 | 0.85 kg |
| A130UD72TTI450 | S301040 | 1250 V | 1300 V | 450 A | 44.2 kA ² s | 360 kA ² s | 126 kA | 87 W | 3 | 0.85 kg |
| A130UD72TTI500 | T301041 | 1250 V | 1300 V | 500 A | 57.1 kA ² s | 465 kA ² s | 126 kA | 94 W | 3 | 0.85 kg |
| A130UD72TTI550 | V301042 | 1250 V | 1300 V | 550 A | 68 kA ² s | 550 kA ² s | 126 kA | 110 W | 3 | 0.85 kg |
| A130UD72TTI630 | W301043 | 1250 V | 1300 V | 630 A | 106.3 kA ² s | 860 kA ² s | 126 kA | 113 W | 3 | 0.85 kg |
| A120UD72TTI700 | X301044 | 1100 V | 1200 V | 700 A | 141.9 kA ² s | 920 kA ² s | 150 kA | 140 W | 3 | 0.85 kg |
| A120UD72TTI800 | Y301045 | 1100 V | 1200 V | 800 A | 215.1 kA ² s | 1400 kA ² s | 150 kA | 146 W | 3 | 0.85 kg |



PC72UD13C550D1A

Size 72 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC72UD13C280D1A | P300554 | 1250 V | 1300 V | 280 A | 10.3 kA ² s | 85 kA ² s | 126 kA | 72 W | 3 | 0.70 kg |
| PC72UD13C315D1A | Q300555 | 1250 V | 1300 V | 315 A | 15.1 kA ² s | 125 kA ² s | 126 kA | 76 W | 3 | 0.70 kg |
| PC72UD13C350D1A | R300556 | 1250 V | 1300 V | 350 A | 21 kA ² s | 170 kA ² s | 126 kA | 77 W | 3 | 0.70 kg |
| PC72UD13C400D1A | S300557 | 1250 V | 1300 V | 400 A | 32.8 kA ² s | 270 kA ² s | 126 kA | 80 W | 3 | 0.70 kg |
| PC72UD13C450D1A | T300558 | 1250 V | 1300 V | 450 A | 44.2 kA ² s | 360 kA ² s | 126 kA | 89 W | 3 | 0.70 kg |
| PC72UD13C500D1A | V300559 | 1250 V | 1300 V | 500 A | 57.1 kA ² s | 465 kA ² s | 126 kA | 98 W | 3 | 0.70 kg |
| PC72UD13C550D1A | W300560 | 1250 V | 1300 V | 550 A | 68 kA ² s | 550 kA ² s | 126 kA | 120 W | 3 | 0.70 kg |
| PC72UD11C630D1A | X300561 | 1100 V | 1200 V | 630 A | 106.3 kA ² s | 690 kA ² s | 150 kA | 125 W | 3 | 0.70 kg |
| PC72UD10C700D1A | Y300562 | 1000 V | 1100 V | 700 A | 141.9 kA ² s | 815 kA ² s | 167 kA | 140 W | 3 | 0.70 kg |
| PC72UD10C800D1A | Z300563 | 1000 V | 1100 V | 800 A | 215.1 kA ² s | 1240 kA ² s | 167 kA | 146 W | 3 | 0.70 kg |

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Protistor® size 72 aR
850 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



A110UD72LI800

Size 72 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A130UD72LI280 | Q300670 | 1250 V | 1300 V | 280 A | 10.3 kA ² s | 85 kA ² s | 126 kA | 72 W | 3 | 0.72 kg |
| A130UD72LI315 | R300671 | 1250 V | 1300 V | 315 A | 15.1 kA ² s | 125 kA ² s | 126 kA | 76 W | 3 | 0.72 kg |
| A130UD72LI350 | S300672 | 1250 V | 1300 V | 350 A | 21 kA ² s | 170 kA ² s | 126 kA | 77 W | 3 | 0.72 kg |
| A130UD72LI400 | T300673 | 1250 V | 1300 V | 400 A | 32.8 kA ² s | 270 kA ² s | 126 kA | 80 W | 3 | 0.72 kg |
| A130UD72LI450 | V300674 | 1250 V | 1300 V | 450 A | 44.2 kA ² s | 360 kA ² s | 126 kA | 89 W | 3 | 0.72 kg |
| A130UD72LI500 | W300675 | 1250 V | 1300 V | 500 A | 57.1 kA ² s | 465 kA ² s | 126 kA | 98 W | 3 | 0.72 kg |
| A130UD72LI550 | X300676 | 1250 V | 1300 V | 550 A | 68 kA ² s | 550 kA ² s | 126 kA | 120 W | 3 | 0.72 kg |
| A120UD72LI630 | Y300677 | 1100 V | 1200 V | 630 A | 106.3 kA ² s | 690 kA ² s | 150 kA | 125 W | 3 | 0.72 kg |
| A110UD72LI700 | Z300678 | 1000 V | 1100 V | 700 A | 141.9 kA ² s | 815 kA ² s | 167 kA | 140 W | 3 | 0.72 kg |
| A110UD72LI800 | A300679 | 1000 V | 1100 V | 800 A | 215.1 kA ² s | 1240 kA ² s | 167 kA | 146 W | 3 | 0.72 kg |



PC72UD10C800EF

Size 72 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC72UD13C280EF | J300618 | 1250 V | 1300 V | 280 A | 10.3 kA ² s | 85 kA ² s | 126 kA | 72 W | 3 | 0.76 kg |
| PC72UD13C315EF | K300619 | 1250 V | 1300 V | 315 A | 15.1 kA ² s | 125 kA ² s | 126 kA | 76 W | 3 | 0.76 kg |
| PC72UD13C350EF | L300620 | 1250 V | 1300 V | 350 A | 21 kA ² s | 170 kA ² s | 126 kA | 77 W | 3 | 0.76 kg |
| PC72UD13C400EF | M300621 | 1250 V | 1300 V | 400 A | 32.8 kA ² s | 270 kA ² s | 126 kA | 80 W | 3 | 0.76 kg |
| PC72UD13C450EF | N300622 | 1250 V | 1300 V | 450 A | 44.2 kA ² s | 360 kA ² s | 126 kA | 89 W | 3 | 0.76 kg |
| PC72UD13C500EF | P300623 | 1250 V | 1300 V | 500 A | 57.1 kA ² s | 465 kA ² s | 126 kA | 98 W | 3 | 0.76 kg |
| PC72UD11C630EF | R300625 | 1100 V | 1200 V | 630 A | 106.3 kA ² s | 690 kA ² s | 150 kA | 125 W | 3 | 0.76 kg |
| PC72UD10C700EF | S300626 | 1000 V | 1100 V | 700 A | 141.9 kA ² s | 815 kA ² s | 167 kA | 140 W | 3 | 0.76 kg |
| PC72UD10C800EF | T300627 | 1000 V | 1100 V | 800 A | 215.1 kA ² s | 1240 kA ² s | 167 kA | 146 W | 3 | 0.76 kg |



PC72UD11C630PA

Size 72 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC72UD13C315PA | H301836 | 1250 V | 1300 V | 315 A | 15.1 kA ² s | 125 kA ² s | 126 kA | 76 W | 3 | 0.78 kg |
| PC72UD13C400PA | B300841 | 1250 V | 1300 V | 400 A | 32.8 kA ² s | 270 kA ² s | 126 kA | 80 W | 3 | 0.78 kg |
| PC72UD13C450PA | C300842 | 1250 V | 1300 V | 450 A | 44.2 kA ² s | 360 kA ² s | 126 kA | 89 W | 3 | 0.78 kg |
| PC72UD13C500PA | P302716 | 1250 V | 1300 V | 500 A | 57.1 kA ² s | 465 kA ² s | 126 kA | 98 W | 3 | 0.78 kg |
| PC72UD11C630PA | N301220 | 1100 V | 1200 V | 630 A | 106.3 kA ² s | 690 kA ² s | 150 kA | 125 W | 3 | 0.78 kg |
| PC72UD10C800PA | M302047 | 1000 V | 1100 V | 800 A | 215.1 kA ² s | 1240 kA ² s | 167 kA | 146 W | 3 | 0.78 kg |

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Protistor® size 73 aR
600 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



PC73UD10C1000TF

Size 73 type TTF M12 threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC73UD13C315TF | J300503 | 1250 V | 1300 V | 315 A | 12 kA ² s | 95 kA ² s | 126 kA | 84 W | 1 | 1.22 kg |
| PC73UD13C350TF | K300504 | 1250 V | 1300 V | 350 A | 17 kA ² s | 140 kA ² s | 126 kA | 86 W | 1 | 1.22 kg |
| PC73UD13C400TF | L300505 | 1250 V | 1300 V | 400 A | 25 kA ² s | 205 kA ² s | 126 kA | 93 W | 1 | 1.22 kg |
| PC73UD13C450TF | M300506 | 1250 V | 1300 V | 450 A | 35.5 kA ² s | 290 kA ² s | 126 kA | 99 W | 1 | 1.22 kg |
| PC73UD13C500TF | N300507 | 1250 V | 1300 V | 500 A | 44 kA ² s | 360 kA ² s | 126 kA | 112 W | 1 | 1.22 kg |
| PC73UD13C550TF | P300508 | 1250 V | 1300 V | 550 A | 57 kA ² s | 465 kA ² s | 126 kA | 116 W | 1 | 1.22 kg |
| PC73UD13C630TF | Q300509 | 1250 V | 1300 V | 630 A | 84 kA ² s | 680 kA ² s | 126 kA | 125 W | 1 | 1.22 kg |
| PC73UD13C700TF | R300510 | 1250 V | 1300 V | 700 A | 114 kA ² s | 900 kA ² s | 126 kA | 135 W | 1 | 1.22 kg |
| PC73UD13C800TF | S300511 | 1250 V | 1300 V | 800 A | 189 kA ² s | 1530 kA ² s | 126 kA | 136 W | 1 | 1.22 kg |
| PC73UD12C900TF | T300512 | 1200 V | 1300 V | 900 A | 250 kA ² s | 1870 kA ² s | 126 kA | 151 W | 1 | 1.22 kg |
| PC73UD10C1000TF | V300513 | 1000 V | 1100 V | 1000 A | 370 kA ² s | 2130 kA ² s | 167 kA | 152 W | 1 | 1.22 kg |
| PC73UD95V11CTF | W300514 | 950 V | 1000 V | 1100 A | 445 kA ² s | 2430 kA ² s | 150 kA | 168 W | 1 | 1.22 kg |
| PC73UD90V13CTF | T300696 | 900 V | 1000 V | 1250 A | 585 kA ² s | 3080 kA ² s | 150 kA | 186 W | 1 | 1.22 kg |
| PC73UD85V14CTF | S300718 | 850 V | 900 V | 1400 A | 755 kA ² s | 3700 kA ² s | 150 kA | 210 W | 1 | 1.22 kg |
| PC73UD69V16CTF | B301301 | 690 V | 700 V | 1600 A | 1430 kA ² s | 5740 kA ² s | 150 kA | 203 W | 1 | 1.22 kg |
| PC73UD60V18CTF | C301302 | 600 V | 650 V | 1800 A | 2040 kA ² s | 7150 kA ² s | 200 kA | 206 W | 1 | 1.22 kg |



A130UD73TTI900

Size 73 type TTI 1/2 in - 13 unified coarse threaded terminals

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A130UD73TTI315 | Z301046 | 1250 V | 1300 V | 315 A | 12 kA ² s | 95 kA ² s | 126 kA | 84 W | 1 | 1.25 kg |
| A130UD73TTI350 | A301047 | 1250 V | 1300 V | 350 A | 17 kA ² s | 140 kA ² s | 126 kA | 86 W | 1 | 1.25 kg |
| A130UD73TTI400 | B301048 | 1250 V | 1300 V | 400 A | 25 kA ² s | 205 kA ² s | 126 kA | 93 W | 1 | 1.25 kg |
| A130UD73TTI450 | C301049 | 1250 V | 1300 V | 450 A | 35.5 kA ² s | 290 kA ² s | 126 kA | 99 W | 1 | 1.25 kg |
| A130UD73TTI500 | D301050 | 1250 V | 1300 V | 500 A | 44 kA ² s | 360 kA ² s | 126 kA | 112 W | 1 | 1.25 kg |
| A130UD73TTI550 | E301051 | 1250 V | 1300 V | 550 A | 57 kA ² s | 465 kA ² s | 126 kA | 116 W | 1 | 1.25 kg |
| A130UD73TTI630 | F301052 | 1250 V | 1300 V | 630 A | 84 kA ² s | 680 kA ² s | 126 kA | 125 W | 1 | 1.25 kg |
| A130UD73TTI700 | G301053 | 1250 V | 1300 V | 700 A | 114 kA ² s | 900 kA ² s | 126 kA | 135 W | 1 | 1.25 kg |
| A130UD73TTI800 | H301054 | 1250 V | 1300 V | 800 A | 189 kA ² s | 1530 kA ² s | 150 kA | 136 W | 1 | 1.25 kg |
| A130UD73TTI900 | T1013903 | 1200 V | 1300 V | 900 A | 250 kA ² s | 1870 kA ² s | 150 kA | 150 W | 1 | 1.25 kg |
| A110UD73TTI1000 | K301056 | 1000 V | 1100 V | 1000 A | 370 kA ² s | 2130 kA ² s | 167 kA | 152 W | 1 | 1.25 kg |
| A100UD73TTI1100 | L301057 | 950 V | 1000 V | 1100 A | 445 kA ² s | 2430 kA ² s | 150 kA | 168 W | 1 | 1.25 kg |
| A100UD73TTI1250 | M301058 | 900 V | 1000 V | 1250 A | 585 kA ² s | 3080 kA ² s | 150 kA | 186 W | 1 | 1.25 kg |
| A090UD73TTI1400 | N301059 | 850 V | 900 V | 1400 A | 755 kA ² s | 3700 kA ² s | 150 kA | 210 W | 1 | 1.25 kg |
| A070UD73TTI1600 | Q300877 | 690 V | 700 V | 1600 A | 1430 kA ² s | 5740 kA ² s | 200 kA | 203 W | 1 | 1.25 kg |
| A065UD73TTI1800 | R300878 | 600 V | 650 V | 1800 A | 2040 kA ² s | 7150 kA ² s | 200 kA | 206 W | 1 | 1.25 kg |



PC73UD90V11CD1A

Size 73 type DIN110 blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC73UD13C315D1A | A300564 | 1250 V | 1300 V | 315 A | 12 kA ² s | 95 kA ² s | 126 kA | 84 W | 1 | 1.12 kg |
| PC73UD13C350D1A | B300565 | 1250 V | 1300 V | 350 A | 17 kA ² s | 140 kA ² s | 126 kA | 86 W | 1 | 1.12 kg |
| PC73UD13C400D1A | C300566 | 1250 V | 1300 V | 400 A | 25 kA ² s | 205 kA ² s | 126 kA | 93 W | 1 | 1.12 kg |
| PC73UD13C450D1A | D300567 | 1250 V | 1300 V | 450 A | 35.5 kA ² s | 290 kA ² s | 126 kA | 100 W | 1 | 1.12 kg |
| PC73UD13C500D1A | E300568 | 1250 V | 1300 V | 500 A | 44 kA ² s | 360 kA ² s | 126 kA | 112 W | 1 | 1.12 kg |
| PC73UD13C550D1A | F300569 | 1250 V | 1300 V | 550 A | 57 kA ² s | 465 kA ² s | 126 kA | 120 W | 1 | 1.12 kg |
| PC73UD13C630D1A | G300570 | 1250 V | 1300 V | 630 A | 84 kA ² s | 680 kA ² s | 126 kA | 132 W | 1 | 1.12 kg |
| PC73UD12C700D1A | H300571 | 1200 V | 1300 V | 700 A | 110 kA ² s | 900 kA ² s | 150 kA | 146 W | 1 | 1.12 kg |
| PC73UD11C800D1A | J300572 | 1100 V | 1200 V | 800 A | 190 kA ² s | 1230 kA ² s | 150 kA | 148 W | 1 | 1.12 kg |
| PC73UD10C900D1A | K300573 | 1000 V | 1100 V | 900 A | 250 kA ² s | 1440 kA ² s | 167 kA | 170 W | 1 | 1.12 kg |
| PC73UD90V11CD1A | M300575 | 900 V | 1000 V | 1100 A | 445 kA ² s | 2280 kA ² s | 150 kA | 208 W | 1 | 1.12 kg |
| PC73UD90V10CD1A | L300574 | 900 V | 1000 V | 1000 A | 370 kA ² s | 1920 kA ² s | 150 kA | 174 W | 1 | 1.12 kg |

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Protistor® size 73 aR
600 to 1250VAC (IEC) / 1300VAC (UL)

PRODUCT RANGE



A090UD73LI1400

Size 73 type LI slotted blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| A130UD73LI315 | B300680 | 1250 V | 1300 V | 315 A | 12 kA ² s | 95 kA ² s | 126 kA | 84 W | 1 | 1.25 kg |
| A130UD73LI350 | C300681 | 1250 V | 1300 V | 350 A | 17 kA ² s | 140 kA ² s | 126 kA | 86 W | 1 | 1.25 kg |
| A130UD73LI400 | D300682 | 1250 V | 1300 V | 400 A | 25 kA ² s | 205 kA ² s | 126 kA | 93 W | 1 | 1.25 kg |
| A130UD73LI450 | E300683 | 1250 V | 1300 V | 450 A | 35.5 kA ² s | 290 kA ² s | 126 kA | 100 W | 1 | 1.25 kg |
| A130UD73LI500 | F300684 | 1250 V | 1300 V | 500 A | 44 kA ² s | 360 kA ² s | 126 kA | 112 W | 1 | 1.25 kg |
| A130UD73LI550 | G300685 | 1250 V | 1300 V | 550 A | 57 kA ² s | 465 kA ² s | 126 kA | 120 W | 1 | 1.25 kg |
| A130UD73LI630 | H300686 | 1250 V | 1300 V | 630 A | 84 kA ² s | 680 kA ² s | 126 kA | 132 W | 1 | 1.25 kg |
| A130UD73LI700 | J300687 | 1200 V | 1300 V | 700 A | 110 kA ² s | 900 kA ² s | 150 kA | 146 W | 1 | 1.25 kg |
| A120UD73LI800 | K300688 | 1100 V | 1200 V | 800 A | 190 kA ² s | 1230 kA ² s | 150 kA | 148 W | 1 | 1.25 kg |
| A110UD73LI900 | L300689 | 1000 V | 1100 V | 900 A | 250 kA ² s | 1440 kA ² s | 167 kA | 170 W | 1 | 1.25 kg |
| A100UD73LI1000 | M300690 | 900 V | 1000 V | 1000 A | 370 kA ² s | 1920 kA ² s | 150 kA | 174 W | 1 | 1.25 kg |
| A100UD73LI1100 | N300691 | 900 V | 1000 V | 1100 A | 445 kA ² s | 2280 kA ² s | 151 kA | 208 W | 1 | 1.25 kg |
| A100UD73LI1250 | J301193 | 900 V | 1000 V | 1250 A | 585 kA ² s | 3080 kA ² s | 151 kA | 234 W | 1 | 1.25 kg |
| A090UD73LI1400 | K301194 | 850 V | 900 V | 1400 A | 755 kA ² s | 3700 kA ² s | 126 kA | 260 W | 1 | 1.25 kg |



PC73UD90V11CEF

Size 73 type EF style notched blade connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC73UD13C315EF | V300628 | 1250 V | 1300 V | 315 A | 12 kA ² s | 95 kA ² s | 126 kA | 84 W | 1 | 1.11 kg |
| PC73UD13C350EF | W300629 | 1250 V | 1300 V | 350 A | 17 kA ² s | 140 kA ² s | 126 kA | 86 W | 1 | 1.11 kg |
| PC73UD13C400EF | X300630 | 1250 V | 1300 V | 400 A | 25 kA ² s | 205 kA ² s | 126 kA | 93 W | 1 | 1.11 kg |
| PC73UD13C450EF | Y300631 | 1250 V | 1300 V | 450 A | 35.5 kA ² s | 290 kA ² s | 126 kA | 100 W | 1 | 1.11 kg |
| PC73UD13C500EF | Z300632 | 1250 V | 1300 V | 500 A | 44 kA ² s | 360 kA ² s | 126 kA | 112 W | 1 | 1.11 kg |
| PC73UD13C550EF | A300633 | 1250 V | 1300 V | 550 A | 57 kA ² s | 465 kA ² s | 126 kA | 120 W | 1 | 1.11 kg |
| PC73UD13C630EF | B300634 | 1250 V | 1300 V | 630 A | 84 kA ² s | 680 kA ² s | 126 kA | 132 W | 1 | 1.11 kg |
| PC73UD12C700EF | C300635 | 1200 V | 1300 V | 700 A | 110 kA ² s | 900 kA ² s | 150 kA | 146 W | 1 | 1.11 kg |
| PC73UD11C800EF | D300636 | 1100 V | 1200 V | 800 A | 190 kA ² s | 1230 kA ² s | 150 kA | 148 W | 1 | 1.11 kg |
| PC73UD10C900EF | E300637 | 1000 V | 1100 V | 900 A | 250 kA ² s | 1440 kA ² s | 167 kA | 170 W | 1 | 1.11 kg |
| PC73UD90V10CEF | F300638 | 900 V | 1000 V | 1000 A | 370 kA ² s | 1920 kA ² s | 150 kA | 174 W | 1 | 1.11 kg |
| PC73UD90V11CEF | G300639 | 900 V | 1000 V | 1100 A | 445 kA ² s | 2280 kA ² s | 150 kA | 208 W | 1 | 1.11 kg |

Size 73 type PA plain blades

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC73UD13C450PA | X302976 | 1250 V | 1300 V | 450 A | 35.5 kA ² s | 290 kA ² s | 126 kA | 100 W | 3 | 1.16 kg |
| PC73UD13C500PA | S302719 | 1250 V | 1300 V | 500 A | 44 kA ² s | 360 kA ² s | 126 kA | 112 W | 3 | 1.16 kg |
| PC73UD13C550PA | Y302977 | 1250 V | 1300 V | 550 A | 57 kA ² s | 465 kA ² s | 126 kA | 120 W | 3 | 1.16 kg |
| PC73UD13C630PA | D300843 | 1250 V | 1300 V | 630 A | 84 kA ² s | 680 kA ² s | 126 kA | 132 W | 3 | 1.16 kg |
| PC73UD12C700PA | B301784 | 1200 V | 1300 V | 700 A | 110 kA ² s | 900 kA ² s | 150 kA | 146 W | 3 | 1.16 kg |
| PC73UD11C800PA | Z301966 | 1100 V | 1200 V | 800 A | 190 kA ² s | 1230 kA ² s | 150 kA | 148 W | 3 | 1.16 kg |
| PC73UD10C900PA | F302685 | 1000 V | 1100 V | 900 A | 250 kA ² s | 1440 kA ² s | 167 kA | 170 W | 3 | 1.16 kg |
| PC73UD90V10CPA | R302718 | 900 V | 1000 V | 1000 A | 370 kA ² s | 1920 kA ² s | 150 kA | 174 W | 3 | 1.16 kg |
| PC73UD90V11CPA | Q302717 | 900 V | 1000 V | 1100 A | 445 kA ² s | 2280 kA ² s | 150 kA | 208 W | 3 | 1.16 kg |
| PC73UD85V14CPA | G302686 | 900 V | 1000 V | 1250 A | 585 kA ² s | 3080 kA ² s | 150 kA | 234 W | 3 | 1.16 kg |
| A090UD73PA1400 | G302709 | 850 V | 900 V | 1400 A | 755 kA ² s | 3700 kA ² s | 150 kA | 260 W | 3 | 1.16 kg |

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Protistor® size 2x72 and 2x73 aR
550 to 1250VAC (IEC)

PRODUCT RANGE



PC272UD65V25CTF

Size 2x72 type TTF M10 or M12 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC272UD13C630TF | W300721 | 1250 V | 630 A | 60 kA ² s | 490 kA ² s | 100 kA | 160 W | 1 | 1.70 kg |
| PC272UD13C700TF | X300722 | 1250 V | 700 A | 84 kA ² s | 675 kA ² s | 100 kA | 162 W | 1 | 1.70 kg |
| PC272UD13C800TF | Y300723 | 1250 V | 800 A | 130 kA ² s | 1065 kA ² s | 100 kA | 168 W | 1 | 1.70 kg |
| PC272UD13C900TF | Z300724 | 1250 V | 900 A | 176 kA ² s | 1430 kA ² s | 100 kA | 183 W | 1 | 1.70 kg |
| PC272UD13C10CTF | A300725 | 1250 V | 1000 A | 228 kA ² s | 1850 kA ² s | 100 kA | 197 W | 1 | 1.70 kg |
| PC272UD13C11CTF | B300726 | 1250 V | 1100 A | 272 kA ² s | 2185 kA ² s | 100 kA | 231 W | 1 | 1.70 kg |
| PC272UD11C13CTF | M302231 | 1100 V | 1250 A | 426 kA ² s | 2950 kA ² s | 100 kA | 237 W | 1 | 1.70 kg |
| PC272UD11C14CTF | D300728 | 1100 V | 1400 A | 568 kA ² s | 3650 kA ² s | 100 kA | 256 W | 1 | 1.83 kg |
| PC272UD10C16CTF | L302230 | 1000 V | 1600 A | 860 kA ² s | 4895 kA ² s | 100 kA | 262 W | 1 | 1.83 kg |
| PC272UD90V18CTF | E301994 | 900 V | 1800 A | 1250 kA ² s | 6350 kA ² s | 100 kA | 275 W | 1 | 1.83 kg |
| PC272UD75V20CTF | F301995 | 750 V | 2000 A | 1760 kA ² s | 7570 kA ² s | 100 kA | 285 W | 1 | 1.83 kg |
| PC272UD65V22CTF | G301996 | 650 V | 2200 A | 2410 kA ² s | 8350 kA ² s | 100 kA | 320 W | 1 | 1.83 kg |
| PC272UD65V25CTF | H301997 | 650 V | 2500 A | 3470 kA ² s | 12000 kA ² s | 100 kA | 340 W | 1 | 1.83 kg |



PC273UD95V22CTF

Size 2x73 type TTF M10 or M12 threaded terminals with omega bar

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC273UD13C800TF | F300730 | 1250 V | 800 A | 100 kA ² s | 815 kA ² s | 100 kA | 195 W | 1 | 2.53 kg |
| PC273UD13C900TF | G300731 | 1250 V | 900 A | 142 kA ² s | 1150 kA ² s | 100 kA | 208 W | 1 | 2.53 kg |
| PC273UD13C10CTF | H300732 | 1250 V | 1000 A | 176 kA ² s | 1400 kA ² s | 100 kA | 231 W | 1 | 2.53 kg |
| PC273UD13C11CTF | J300733 | 1250 V | 1100 A | 228 kA ² s | 1860 kA ² s | 100 kA | 244 W | 1 | 2.53 kg |
| PC273UD13C13CTF | K300734 | 1250 V | 1250 A | 336 kA ² s | 2660 kA ² s | 100 kA | 262 W | 1 | 2.53 kg |
| PC273UD11C14CTF | K302229 | 1100 V | 1400 A | 454 kA ² s | 3060 kA ² s | 100 kA | 283 W | 1 | 2.53 kg |
| PC273UD11C16CTF | J302228 | 1100 V | 1600 A | 760 kA ² s | 5210 kA ² s | 100 kA | 286 W | 1 | 2.53 kg |
| PC273UD11C18CTF | S302236 | 1100 V | 1800 A | 1000 kA ² s | 6300 kA ² s | 100 kA | 315 W | 1 | 2.53 kg |
| PC273UD10C20CTF | P300738 | 1000 V | 2000 A | 1480 kA ² s | 8500 kA ² s | 120 kA | 319 W | 1 | 2.53 kg |
| PC273UD95V22CTF | Q300739 | 950 V | 2200 A | 1780 kA ² s | 9632 kA ² s | 100 kA | 353 W | 1 | 2.53 kg |



PC76UD60V32CP11

Size 2x73 type PLAF M10 threaded plates

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| PC76UD95V22CP11 | M301909 | 950 V | 2200 A | 1780 kA ² s | 9630 kA ² s | 100 kA | 353 W | 1 | 3.1 kg |
| PC76UD90V25CP11 | R300740 | 900 V | 2500 A | 2350 kA ² s | 12070 kA ² s | 110 kA | 390 W | 1 | 3.1 kg |
| PC76UD85V28CP11 | S300741 | 850 V | 2800 A | 3020 kA ² s | 15000 kA ² s | 100 kA | 440 W | 1 | 3.1 kg |
| PC76UD60V30CP11 | K301999 | 600 V | 3000 A | 4980 kA ² s | 15700 kA ² s | 200 kA | 405 W | 1 | 3.1 kg |
| PC76UD60V32CP11 | M302001 | 600 V | 3200 A | 5720 kA ² s | 19030 kA ² s | 200 kA | 426 W | 1 | 3.1 kg |
| PC76UD55V36CP11 | N302002 | 550 V | 3600 A | 8170 kA ² s | 25200 kA ² s | 200 kA | 430 W | 1 | 3.1 kg |

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Protistor® size 70 gR
690VAC (IEC)

PRODUCT RANGE



PC70GB69V250TF

Size 70 type TTF-with one ISO metric threaded hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC70GB69V50TF | C301279 | 690 V | 50 A | 118 A ² s | 700 A ² s | 150 kA | 17 W | 3 | 0.34 kg |
| PC70GB69V63TF | D301280 | 690 V | 63 A | 266 A ² s | 1600 A ² s | 150 kA | 18 W | 3 | 0.34 kg |
| PC70GB69V80TF | E301281 | 690 V | 80 A | 473 A ² s | 2800 A ² s | 150 kA | 22 W | 3 | 0.34 kg |
| PC70GB69V100TF | F301282 | 690 V | 100 A | 1058 A ² s | 6200 A ² s | 150 kA | 23 W | 3 | 0.34 kg |
| PC70GB69V160TF | L301310 | 690 V | 160 A | 4232 A ² s | 25000 A ² s | 150 kA | 29 W | 3 | 0.34 kg |
| PC70GB69V125TF | G301283 | 690 V | 125 A | 1897 A ² s | 11200 A ² s | 150 kA | 26 W | 3 | 0.34 kg |
| PC70GB69V250TF | N301312 | 690 V | 250 A | 13450 A ² s | 79000 A ² s | 150 kA | 40 W | 3 | 0.34 kg |
| PC70GB69V200TF | M301311 | 690 V | 200 A | 7540 A ² s | 44000 A ² s | 150 kA | 34 W | 3 | 0.34 kg |
| PC70GB69V315TF | P301313 | 690 V | 315 A | 24110 A ² s | 142000 A ² s | 150 kA | 47 W | 3 | 0.34 kg |

Size 70 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC70GB69V100D1A | Q302027 | 690 V | 100 A | 1058 A ² s | 6200 A ² s | 150 kA | 23 W | 3 | 0.36 kg |
| PC70GB69V125D1A | S302742 | 690 V | 125 A | 1897 A ² s | 11200 A ² s | 150 kA | 26 W | 3 | 0.36 kg |
| PC70GB69V160D1A | R301591 | 690 V | 160 A | 4232 A ² s | 25000 A ² s | 150 kA | 29 W | 3 | 0.36 kg |
| PC70GB69V200D1A | S301592 | 690 V | 200 A | 7540 A ² s | 44000 A ² s | 150 kA | 34 W | 3 | 0.36 kg |
| PC70GB69V250D1A | Z301943 | 690 V | 250 A | 13448 A ² s | 79000 A ² s | 150 kA | 40 W | 3 | 0.36 kg |
| PC70GB69V315D1A | J301584 | 690 V | 315 A | 24112 A ² s | 142000 A ² s | 150 kA | 47 W | 3 | 0.36 kg |
| PC70GB69V350D1A | W302124 | 690 V | 350 A | 40780 A ² s | 240000 A ² s | 150 kA | 47 W | 3 | 0.36 kg |



PC70GB69V250ESF

Size 70 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| PC70GB69V50ESF | P301290 | 690 V | 50 A | 118 A ² s | 700 A ² s | 150 kA | 17 W | 3 | 0.4 kg |
| PC70GB69V63ESF | Q301291 | 690 V | 63 A | 266 A ² s | 1600 A ² s | 150 kA | 18 W | 3 | 0.4 kg |
| PC70GB69V80ESF | E301304 | 690 V | 80 A | 473 A ² s | 2800 A ² s | 150 kA | 22 W | 3 | 0.4 kg |
| PC70GB69V100ESF | S301293 | 690 V | 100 A | 1058 A ² s | 6200 A ² s | 150 kA | 23 W | 3 | 0.4 kg |
| PC70GB69V125ESF | F301305 | 690 V | 125 A | 1897 A ² s | 11200 A ² s | 150 kA | 26 W | 3 | 0.4 kg |
| PC70GB69V160ESF | G301306 | 690 V | 160 A | 4232 A ² s | 25000 A ² s | 150 kA | 29 W | 3 | 0.4 kg |
| PC70GB69V200ESF | H301307 | 690 V | 200 A | 7540 A ² s | 44000 A ² s | 150 kA | 34 W | 3 | 0.4 kg |
| PC70GB69V250ESF | J301308 | 690 V | 250 A | 13448 A ² s | 79000 A ² s | 150 kA | 40 W | 3 | 0.4 kg |

Protistor® size 71 gR
690VAC (IEC)

PRODUCT RANGE



PC71GB69V500TF

Size 71 type TTF-with one ISO metric threaded hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC71GB69V125TF | Q301314 | 690 V | 125 A | 1.06 kA ² s | 6.2 kA ² s | 150 kA | 35 W | 3 | 0.51 kg |
| PC71GB69V160TF | R301315 | 690 V | 160 A | 2.39 kA ² s | 14 kA ² s | 150 kA | 38 W | 3 | 0.51 kg |
| PC71GB69V200TF | S301316 | 690 V | 200 A | 5 kA ² s | 29.5 kA ² s | 150 kA | 41 W | 3 | 0.51 kg |
| PC71GB69V315TF | N301427 | 690 V | 315 A | 18.4 kA ² s | 108 kA ² s | 150 kA | 53 W | 3 | 0.51 kg |
| PC71GB69V250TF | T301317 | 690 V | 250 A | 9.58 kA ² s | 56 kA ² s | 150 kA | 46 W | 3 | 0.51 kg |
| PC71GB69V350TF | V301318 | 690 V | 350 A | 23.2 kA ² s | 140 kA ² s | 150 kA | 58 W | 3 | 0.51 kg |
| PC71GB69V400TF | W301319 | 690 V | 400 A | 38.3 kA ² s | 225 kA ² s | 150 kA | 59 W | 3 | 0.51 kg |
| PC71GB69V500TF | S301707 | 690 V | 500 A | 78.1 kA ² s | 460 kA ² s | 150 kA | 64 W | 3 | 0.51 kg |

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Protistor® size 71 gR
690VAC (IEC)

PRODUCT RANGE

Size 71 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC71GB69V125D1A | B302658 | 690 V | 125 A | 1.06 kA ² s | 6.2 kA ² s | 150 kA | 35 W | 3 | 0.52 kg |
| PC71GB69V160D1A | C302659 | 690 V | 160 A | 2.39 kA ² s | 14 kA ² s | 150 kA | 38 W | 3 | 0.52 kg |
| PC71GB69V200D1A | C302682 | 690 V | 200 A | 5 kA ² s | 29.5 kA ² s | 150 kA | 42 W | 3 | 0.52 kg |
| PC71GB69V250D1A | R302143 | 690 V | 250 A | 9.58 kA ² s | 56 kA ² s | 150 kA | 48 W | 3 | 0.52 kg |
| PC71GB69V450D1A | R301637 | 690 V | 450 A | 61.7 kA ² s | 360 kA ² s | 150 kA | 61 W | 3 | 0.52 kg |
| PC71GB69V500D1A | A301737 | 690 V | 500 A | 78.1 kA ² s | 460 kA ² s | 150 kA | 67 W | 3 | 0.52 kg |



PC71GB69V500EF

Size 71 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC71GB69V160EF | Z301322 | 690 V | 160 A | 2.39 kA ² s | 14 kA ² s | 150 kA | 38 W | 3 | 0.54 kg |
| PC71GB69V200EF | A301323 | 690 V | 200 A | 5 kA ² s | 29.5 kA ² s | 150 kA | 42 W | 3 | 0.54 kg |
| PC71GB69V250EF | B301324 | 690 V | 250 A | 9.58 kA ² s | 56 kA ² s | 150 kA | 48 W | 3 | 0.54 kg |
| PC71GB69V350EF | C301325 | 690 V | 350 A | 23.2 kA ² s | 140 kA ² s | 150 kA | 60 W | 3 | 0.54 kg |
| PC71GB69V400EF | D301326 | 690 V | 400 A | 38.3 kA ² s | 225 kA ² s | 150 kA | 61 W | 3 | 0.54 kg |
| PC71GB69V500EF | G301858 | 690 V | 500 A | 78.1 kA ² s | 460 kA ² s | 150 kA | 67 W | 3 | 0.54 kg |

Protistor® size 72 gR
690VAC (IEC)

PRODUCT RANGE

Size 72 type TTF-with one ISO metric threaded hole



PC72GB69V700TF

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC72GB69V200TF | F301328 | 690 V | 200 A | 4.2 kA ² s | 25 kA ² s | 150 kA | 45 W | 3 | 0.74 kg |
| PC72GB69V250TF | G301329 | 690 V | 250 A | 8.6 kA ² s | 50 kA ² s | 150 kA | 49 W | 3 | 0.74 kg |
| PC72GB69V315TF | H301330 | 690 V | 315 A | 17 kA ² s | 100 kA ² s | 150 kA | 55 W | 3 | 0.74 kg |
| PC72GB69V350TF | W301710 | 690 V | 350 A | 23.2 kA ² s | 140 kA ² s | 150 kA | 58 W | 3 | 0.74 kg |
| PC72GB69V400TF | J301331 | 690 V | 400 A | 34.1 kA ² s | 200 kA ² s | 150 kA | 63 W | 3 | 0.74 kg |
| PC72GB69V450TF | X301711 | 690 V | 450 A | 47.3 kA ² s | 280 kA ² s | 150 kA | 67 W | 3 | 0.74 kg |
| PC72GB69V500TF | K301332 | 690 V | 500 A | 68 kA ² s | 400 kA ² s | 150 kA | 69 W | 3 | 0.74 kg |
| PC72GB69V550TF | L301333 | 690 V | 550 A | 84.1 kA ² s | 495 kA ² s | 150 kA | 75 W | 3 | 0.74 kg |
| PC72GB69V630TF | M301334 | 690 V | 630 A | 123.8 kA ² s | 730 kA ² s | 150 kA | 81 W | 3 | 0.74 kg |
| PC72GB69V700TF | Y301712 | 690 V | 700 A | 154.8 kA ² s | 910 kA ² s | 150 kA | 89 W | 3 | 0.74 kg |

Size 72 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC72GB69V250D1A | T302697 | 690 V | 250 A | 8.6 kA ² s | 50 kA ² s | 150 kA | 50 W | 3 | 0.73 kg |
| PC72GB69V315D1A | V302698 | 690 V | 315 A | 17 kA ² s | 100 kA ² s | 150 kA | 57 W | 3 | 0.73 kg |
| PC72GB69V350D1A | E302500 | 690 V | 350 A | 23.2 kA ² s | 140 kA ² s | 150 kA | 60 W | 3 | 0.73 kg |
| PC72GB69V400D1A | V302215 | 690 V | 400 A | 34.1 kA ² s | 200 kA ² s | 150 kA | 65 W | 3 | 0.73 kg |
| PC72GB69V450D1A | Q302671 | 690 V | 450 A | 47.3 kA ² s | 280 kA ² s | 150 kA | 70 W | 3 | 0.73 kg |
| PC72GB69V550D1A | L301724 | 690 V | 550 A | 84.1 kA ² s | 495 kA ² s | 150 kA | 78 W | 3 | 0.73 kg |
| PC72GB69V630D1A | J1001888 | 690 V | 630 A | 123.8 kA ² s | 730 kA ² s | 150 kA | 86 W | 3 | 0.73 kg |

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Protistor® size 72 gR
690VAC (IEC)

PRODUCT RANGE



PC72GB69V630EF

Size 72 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| PC72GB69V200EF | N301335 | 690 V | 200 A | 4.2 kA ² s | 25 kA ² s | 150 kA | 45 W | 3 | 0.76 kg |
| PC72GB69V250EF | P301336 | 690 V | 250 A | 8.6 kA ² s | 50 kA ² s | 150 kA | 50 W | 3 | 0.76 kg |
| PC72GB69V315EF | Q301337 | 690 V | 315 A | 17 kA ² s | 100 kA ² s | 150 kA | 57 W | 3 | 0.76 kg |
| PC72GB69V400EF | R301338 | 690 V | 400 A | 23.2 kA ² s | 140 kA ² s | 150 kA | 65 W | 3 | 0.76 kg |
| PC72GB69V500EF | S301339 | 690 V | 500 A | 34.1 kA ² s | 200 kA ² s | 150 kA | 72 W | 3 | 0.76 kg |
| PC72GB69V550EF | T301340 | 690 V | 550 A | 84.1 kA ² s | 495 kA ² s | 150 kA | 78 W | 3 | 0.76 kg |
| PC72GB69V630EF | V301341 | 690 V | 630 A | 123.8 kA ² s | 730 kA ² s | 150 kA | 86 W | 3 | 0.76 kg |

PRODUCT RANGE

Protistor® size 73 gR
690VAC (IEC)



PC73GB69V630TF

Size 73 type TTF-with one ISO metric threaded hole

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|--------------------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | |
| PC73GB69V315TF | W301342 | 690 V | 315 A | 11.8 kA ² s | 69 kA ² s | 150 kA | 66 W | 1 | 1.22 kg |
| PC73GB69V350TF | B301715 | 690 V | 350 A | 17 kA ² s | 100 kA ² s | 150 kA | 68 W | 1 | 1.22 kg |
| PC73GB69V400TF | X301343 | 690 V | 400 A | 26.5 kA ² s | 160 kA ² s | 150 kA | 71 W | 1 | 1.22 kg |
| PC73GB69V450TF | Y301344 | 690 V | 450 A | 34.1 kA ² s | 200 kA ² s | 150 kA | 79 W | 1 | 1.22 kg |
| PC73GB69V500TF | C301716 | 690 V | 500 A | 47.3 kA ² s | 280 kA ² s | 150 kA | 84 W | 1 | 1.22 kg |
| PC73GB69V550TF | Z301345 | 690 V | 550 A | 68 kA ² s | 400 kA ² s | 150 kA | 84 W | 1 | 1.22 kg |
| PC73GB69V630TF | A301346 | 690 V | 630 A | 101.6 kA ² s | 600 kA ² s | 150 kA | 89 W | 1 | 1.22 kg |
| PC73GB69V700TF | B301347 | 690 V | 700 A | 138.9 kA ² s | 820 kA ² s | 150 kA | 94 W | 1 | 1.22 kg |
| PC73GB69V800TF | D301717 | 690 V | 800 A | 226.8 kA ² s | 1330 kA ² s | 150 kA | 96 W | 1 | 1.22 kg |
| PC73GB69V900TF | S301638 | 690 V | 900 A | 278.8 kA ² s | 1640 kA ² s | 150 kA | 109 W | 1 | 1.22 kg |
| PC73GB69V10CTF | F301719 | 690 V | 1000 A | 385.7 kA ² s | 2270 kA ² s | 150 kA | 115 W | 1 | 1.22 kg |



PC73GB69V800D1A

Size 73 type DIN110

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | |
| PC73GB69V450D1A | W236298 | 690 V | 450 A | 34.1 kA ² s | 200 kA ² s | 150 kA | 82 W | 1 | 1.12 kg |
| PC73GB69V500D1A | W302216 | 690 V | 500 A | 47.3 kA ² s | 280 kA ² s | 150 kA | 86 W | 1 | 1.12 kg |
| PC73GB69V550D1A | R302672 | 690 V | 550 A | 68 kA ² s | 400 kA ² s | 150 kA | 87 W | 1 | 1.12 kg |
| PC73GB69V630D1A | X236299 | 690 V | 630 A | 101.6 kA ² s | 600 kA ² s | 150 kA | 94 W | 1 | 1.12 kg |
| PC73GB69V700D1A | F301765 | 690 V | 700 A | 138.9 kA ² s | 820 kA ² s | 150 kA | 100 W | 1 | 1.12 kg |
| PC73GB69V800D1A | B236073 | 690 V | 800 A | 226.8 kA ² s | 1330 kA ² s | 150 kA | 104 W | 1 | 1.12 kg |
| Reinforced Terminal | | | | | | | | | |
| PC73GB69V10CD1A | S302673 | 690 V | 1000 A | 385.7 kA ² s | 2270 kA ² s | 150 kA | 127 W | 1 | 1.12 kg |



PC73GB69V700EF

Size 73 type EF for bolted connections

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|--------------------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| Standard Terminal | | | | | | | | | |
| PC73GB69V315EF | C301348 | 690 V | 315 A | 11.8 kA ² s | 69 kA ² s | 150 kA | 67 W | 1 | 1.11 kg |
| PC73GB69V400EF | D301349 | 690 V | 400 A | 26.5 kA ² s | 160 kA ² s | 150 kA | 73 W | 1 | 1.11 kg |
| PC73GB69V450EF | E301350 | 690 V | 450 A | 34.1 kA ² s | 200 kA ² s | 150 kA | 82 W | 1 | 1.11 kg |
| PC73GB69V550EF | F301351 | 690 V | 550 A | 68 kA ² s | 400 kA ² s | 150 kA | 87 W | 1 | 1.11 kg |
| PC73GB69V630EF | G301352 | 690 V | 630 A | 101.6 kA ² s | 600 kA ² s | 150 kA | 94 W | 1 | 1.11 kg |
| PC73GB69V700EF | H301353 | 690 V | 700 A | 138.9 kA ² s | 820 kA ² s | 150 kA | 100 W | 1 | 1.11 kg |

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Microswitches for Protistor® fuse-links
Microswitches for fuses sizes 30 to 33 and 70 to 73

PRODUCT RANGE



Microswitches for fuse sizes 30-31-32-33, with striker

| Catalog number | Item number | Rated voltage AC (IEC) ¹ | Rated current I _n | AC voltage withstand test ² | Impulse withstand voltage U _{imp} 1.2/50μs ³ | Indication System | Minimum positive operating voltage / current | Breaking capacity, Non inductive circuit, 30V / 110V / 250V | Breaking capacity, Inductive circuit: L/ R=25ms, 30V / 110V / 250V | Weight |
|----------------|-------------|-------------------------------------|------------------------------|--|--|-----------------------|--|---|--|--------|
| MS3V1-5 | X310014 | 1000 V | 10 A | 8.5 kV | 14 kV | Standard NO-NC | 20V, 100mA | 10A / 10A / 10A | 10A / 10A / 10A | 34 g |
| MS3V1-5UR | Y310038 | 1000 V | 10 A | 8.5 kV | 14 kV | Standard NO-NC | 20V, 100mA | 10A / 10A / 10A | 10A / 10A / 10A | 34 g |
| MS3V1-5BS | W310013 | 1000 V | 3 A | 8.5 kV | 14 kV | Low level NO-NC | 10V, 10mA | 3A / 3A / 3A | 2A / 1A / 1A | 34 g |
| MS3V1-9BS | T310011 | 1000 V | 3 A | 8.5 kV | 14 kV | Double pole Low level | 10V, 10mA | 3A / 3A / 3A | 2A / 1A / 1A | 34 g |
| MS3V1-5ETANCHE | R310009 | 1000 V | 3 A | 8.5 kV | 14 kV | Low level NO-NC IP 50 | 10V, 10mA | 3A / 3A / 3A | 2A / 1A / 1A | 34 g |

¹ Between power circuit and microswitch terminals

² Between power circuit and microswitch terminals as per IEC 60 and 694 and NFC 64010 (50/60 Hz 1 min duration in dry air)

³ Between power circuit and microswitch terminals U_{imp}: impulse voltage as per IEC 60947-1



Microswitches for fuses sizes 70-71-72-73, with striker

| Catalog number | Item number | Rated voltage AC (IEC) ¹ | Rated current I _n | AC voltage withstand test ² | Impulse withstand voltage U _{imp} 1.2/50μs ³ | Indication System | Minimum positive operating voltage / current | Breaking capacity, Non inductive circuit, 30V / 110V / 250V | Breaking capacity, Inductive circuit: L/ R=25ms, 30V / 110V / 250V | Weight |
|----------------|-------------|-------------------------------------|------------------------------|--|--|-----------------------|--|---|--|--------|
| MS7V1-5 | J310002 | 1500 V | 10 A | 12 kV | 20 kV | Standard NO-NC | 20V, 100mA | 8A / 0.4A / 0.2A | 4A / 0.2A / 0.1A | 45 g |
| MS7V1-5UR | Z310039 | 1500 V | 10 A | 12 kV | 20 kV | Standard NO-NC | 20V, 100mA | 8A / 0.4A / 0.2A | 4A / 0.2A / 0.1A | 45 g |
| MS7V1-5BSUR | K310003 | 1500 V | 3 A | 12 kV | 20 kV | Low level NO-NC | 10V, 10mA | 3A / 0.5A / 0.25A | 3A / 0.2A / 0.1A | 45 g |
| MS7V1-9BS | P310007 | 1500 V | 3 A | 12 kV | 20 kV | Double pole Low level | 10V, 10mA | 3A / 0.5A / 0.25A | 3A / 0.2A / 0.1A | 45 g |
| MS7V1-5ETANCHE | S310010 | 1500 V | 3 A | 12 kV | 20 kV | Low level NO-NC IP 50 | 10V, 10mA | 2A / 0.2A / - | 3A / 0.5A / - | 45 g |

¹ Between power circuit and microswitch terminals

² Between power circuit and microswitch terminals as per IEC 60 and 694 and NFC 64010 (50/60 Hz 1 min duration in dry air)

³ Between power circuit and microswitch terminals U_{imp}: impulse voltage as per IEC 60947-1

Protistor® size 000/00 aR
500 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



DN000UB69V315

Size 000 DIN80, vertical body, without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| DN000UB69V80 | K330036 | 690 V | 80 A | 390 A ² s | 2500 A ² s | 200 kA | 21 W | 6 | 0.13 kg |
| DN000UB69V100 | L330037 | 690 V | 100 A | 690 A ² s | 4200 A ² s | 200 kA | 23 W | 6 | 0.13 kg |
| DN000UB69V125 | M330038 | 690 V | 125 A | 1310 A ² s | 8900 A ² s | 200 kA | 26 W | 6 | 0.13 kg |
| DN000UB69V160 | N330039 | 690 V | 160 A | 2680 A ² s | 16000 A ² s | 200 kA | 31 W | 6 | 0.13 kg |
| DN000UB69V200 | P330040 | 690 V | 200 A | 5250 A ² s | 31500 A ² s | 200 kA | 36 W | 6 | 0.13 kg |
| DN000UB69V250 | Q330041 | 690 V | 250 A | 9860 A ² s | 52000 A ² s | 200 kA | 45 W | 6 | 0.13 kg |
| DN000UB69V315 | R330042 | 690 V | 315 A | 15420 A ² s | 82000 A ² s | 200 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V350 | V330114 | 500 V | 350 A | 22400 A ² s | 110000 A ² s | 120 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V400 | D330191 | 500 V | 400 A | 33180 A ² s | 160000 A ² s | 120 kA | 66 W | 6 | 0.13 kg |



DN000UB69V160V

Size 000 DIN80, vertical body, with indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| DN000UB69V80V | W330023 | 690 V | 80 A | 390 A ² s | 2500 A ² s | 200 kA | 21 W | 6 | 0.13 kg |
| DN000UB69V100V | X330024 | 690 V | 100 A | 690 A ² s | 4200 A ² s | 200 kA | 23 W | 6 | 0.13 kg |
| DN000UB69V125V | Y330025 | 690 V | 125 A | 1310 A ² s | 8900 A ² s | 200 kA | 26 W | 6 | 0.13 kg |
| DN000UB69V160V | Z330026 | 690 V | 160 A | 2680 A ² s | 16000 A ² s | 200 kA | 31 W | 6 | 0.13 kg |
| DN000UB69V200V | A330027 | 690 V | 200 A | 5250 A ² s | 31500 A ² s | 200 kA | 36 W | 6 | 0.13 kg |
| DN000UB69V250V | B330028 | 690 V | 250 A | 9860 A ² s | 52000 A ² s | 200 kA | 45 W | 6 | 0.13 kg |
| DN000UB69V315V | C330029 | 690 V | 315 A | 15420 A ² s | 82000 A ² s | 200 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V350V | W330115 | 500 V | 350 A | 22400 A ² s | 110000 A ² s | 120 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V400V | E330192 | 500 V | 400 A | 33180 A ² s | 160000 A ² s | 120 kA | 66 W | 6 | 0.13 kg |



DN000UB50V400L

Size 000 DIN80, vertical body, for monitoring micro-contact

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| DN000UB69V80L | T330182 | 690 V | 80 A | 390 A ² s | 2500 A ² s | 200 kA | 21 W | 6 | 0.13 kg |
| DN000UB69V100L | V330183 | 690 V | 100 A | 690 A ² s | 4200 A ² s | 200 kA | 23 W | 6 | 0.13 kg |
| DN000UB69V125L | W330184 | 690 V | 125 A | 1310 A ² s | 8900 A ² s | 200 kA | 26 W | 6 | 0.13 kg |
| DN000UB69V160L | X330185 | 690 V | 160 A | 2680 A ² s | 16000 A ² s | 200 kA | 31 W | 6 | 0.13 kg |
| DN000UB69V200L | Y330186 | 690 V | 200 A | 5250 A ² s | 31500 A ² s | 200 kA | 36 W | 6 | 0.13 kg |
| DN000UB69V250L | Z330187 | 690 V | 250 A | 9860 A ² s | 52000 A ² s | 200 kA | 45 W | 6 | 0.13 kg |
| DN000UB69V315L | A330188 | 690 V | 315 A | 15420 A ² s | 82000 A ² s | 200 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V350L | B330189 | 500 V | 350 A | 22400 A ² s | 110000 A ² s | 120 kA | 58 W | 6 | 0.13 kg |
| DN000UB50V400L | F330193 | 500 V | 400 A | 33180 A ² s | 160000 A ² s | 120 kA | 66 W | 6 | 0.13 kg |



BS000UB50V400

Size 000 BS88, horizontal body, without indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| BS000UB69V75 | B330051 | 690 V | 75 A | 340 A ² s | 2250 A ² s | 200 kA | 20.5 W | 3 | 0.14 kg |
| BS000UB69V80 | C330052 | 690 V | 80 A | 390 A ² s | 2500 A ² s | 200 kA | 21 W | 3 | 0.14 kg |
| BS000UB69V100 | D330053 | 690 V | 100 A | 690 A ² s | 4200 A ² s | 200 kA | 23 W | 3 | 0.14 kg |
| BS000UB69V110 | E330100 | 690 V | 110 A | 950 A ² s | 6800 A ² s | 200 kA | 24.5 W | 3 | 0.14 kg |
| BS000UB69V125 | E330054 | 690 V | 125 A | 1310 A ² s | 8900 A ² s | 200 kA | 26 W | 3 | 0.14 kg |
| BS000UB69V160 | F330055 | 690 V | 160 A | 2680 A ² s | 16000 A ² s | 200 kA | 31 W | 3 | 0.14 kg |
| BS000UB69V200 | G330056 | 690 V | 200 A | 5250 A ² s | 31500 A ² s | 200 kA | 36 W | 3 | 0.14 kg |
| BS000UB69V250 | H330057 | 690 V | 250 A | 9860 A ² s | 52000 A ² s | 200 kA | 45 W | 3 | 0.14 kg |
| BS000UB69V315 | J330058 | 690 V | 315 A | 15420 A ² s | 82000 A ² s | 200 kA | 58 W | 3 | 0.14 kg |
| BS000UB50V350 | X330116 | 500 V | 350 A | 22400 A ² s | 110000 A ² s | 120 kA | 58 W | 3 | 0.14 kg |
| BS000UB50V400 | G330194 | 500 V | 400 A | 33180 A ² s | 160000 A ² s | 120 kA | 66 W | 3 | 0.14 kg |

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Protistor® size 000/00 aR
500 to 690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



BS000UB69V315P

Size 000 BS88, horizontal body, with indicator

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| BS000UB69V75P | H330126 | 690 V | 75 A | 340 A ² s | 2250 A ² s | 200 kA | 20.5 W | 3 | 0.16 kg |
| BS000UB69V80P | J330127 | 690 V | 80 A | 390 A ² s | 2500 A ² s | 200 kA | 21 W | 3 | 0.16 kg |
| BS000UB69V100P | K330128 | 690 V | 100 A | 690 A ² s | 4200 A ² s | 200 kA | 23 W | 3 | 0.16 kg |
| BS000UB69V110P | L330129 | 690 V | 110 A | 950 A ² s | 6800 A ² s | 200 kA | 24.5 W | 3 | 0.16 kg |
| BS000UB69V125P | M330130 | 690 V | 125 A | 1310 A ² s | 8900 A ² s | 200 kA | 26 W | 3 | 0.16 kg |
| BS000UB69V160P | P330132 | 690 V | 160 A | 2680 A ² s | 16000 A ² s | 200 kA | 31 W | 3 | 0.16 kg |
| BS000UB69V200P | Q330133 | 690 V | 200 A | 5250 A ² s | 31500 A ² s | 200 kA | 36 W | 3 | 0.16 kg |
| BS000UB69V250P | R330134 | 690 V | 250 A | 9860 A ² s | 52000 A ² s | 200 kA | 45 W | 3 | 0.16 kg |
| BS000UB69V315P | S330135 | 500 V | 315 A | 15420 A ² s | 82000 A ² s | 200 kA | 58 W | 3 | 0.16 kg |
| BS000UB50V350P | T330136 | 500 V | 350 A | 22400 A ² s | 110000 A ² s | 120 kA | 58 W | 3 | 0.16 kg |
| BS000UB50V400P | H330195 | 500 V | 400 A | 33180 A ² s | 160000 A ² s | 120 kA | 66 W | 3 | 0.16 kg |



DN00UB69V400L

Size 00 DIN80, vertical body, for monitoring micro-contact

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| DN00UB69V16L | V330275 | 690 V | 16 A | 7 A ² s | 52 A ² s | 200 kA | 7 W | 3 | 0.20 kg |
| DN00UB69V20L | T330274 | 690 V | 20 A | 10 A ² s | 75 A ² s | 200 kA | 9 W | 3 | 0.20 kg |
| DN00UB69V25L | M330268 | 690 V | 25 A | 15 A ² s | 120 A ² s | 200 kA | 11 W | 3 | 0.20 kg |
| DN00UB69V32L | N330269 | 690 V | 32 A | 32 A ² s | 210 A ² s | 200 kA | 15 W | 3 | 0.20 kg |
| DN00UB69V40L | P330270 | 690 V | 40 A | 61 A ² s | 400 A ² s | 200 kA | 18 W | 3 | 0.20 kg |
| DN00UB69V50L | Q330271 | 690 V | 50 A | 102 A ² s | 700 A ² s | 200 kA | 21 W | 3 | 0.20 kg |
| DN00UB69V63L | R330272 | 690 V | 63 A | 177 A ² s | 1200 A ² s | 200 kA | 23 W | 3 | 0.20 kg |
| DN00UB69V80L | D330237 | 690 V | 80 A | 390 A ² s | 2200 A ² s | 200 kA | 25 W | 3 | 0.20 kg |
| DN00UB69V100L | E330238 | 690 V | 100 A | 692 A ² s | 3900 A ² s | 200 kA | 28 W | 3 | 0.20 kg |
| DN00UB69V125L | F330239 | 690 V | 125 A | 1170 A ² s | 6600 A ² s | 200 kA | 33 W | 3 | 0.20 kg |
| DN00UB69V160L | G330240 | 690 V | 160 A | 2680 A ² s | 14000 A ² s | 200 kA | 36 W | 3 | 0.20 kg |
| DN00UB69V200L | H330241 | 690 V | 200 A | 4690 A ² s | 24000 A ² s | 200 kA | 42 W | 3 | 0.20 kg |
| DN00UB69V250L | J330242 | 690 V | 250 A | 8300 A ² s | 42500 A ² s | 200 kA | 50 W | 3 | 0.20 kg |
| DN00UB69V315L | K330243 | 690 V | 315 A | 17520 A ² s | 81000 A ² s | 200 kA | 58 W | 3 | 0.20 kg |
| DN00UB69V350L | L330244 | 690 V | 350 A | 25450 A ² s | 118000 A ² s | 200 kA | 60 W | 3 | 0.20 kg |
| DN00UB69V400L | M330245 | 690 V | 400 A | 33180 A ² s | 150000 A ² s | 200 kA | 70 W | 3 | 0.20 kg |



DN00UB69V400D1L

Size 00 DIN110, vertical body, for monitoring micro-contact

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| DN00UB69V80D1L | A330257 | 690 V | 80 A | 390 A ² s | 2200 A ² s | 200 kA | 25 W | 3 | 0.24 kg |
| DN00UB69V100D1L | B330258 | 690 V | 100 A | 692 A ² s | 3900 A ² s | 200 kA | 28 W | 3 | 0.24 kg |
| DN00UB69V125D1L | C330259 | 690 V | 125 A | 1170 A ² s | 6600 A ² s | 200 kA | 33 W | 3 | 0.24 kg |
| DN00UB69V160D1L | D330260 | 690 V | 160 A | 2680 A ² s | 14000 A ² s | 200 kA | 36 W | 3 | 0.24 kg |
| DN00UB69V200D1L | E330261 | 690 V | 200 A | 4690 A ² s | 24000 A ² s | 200 kA | 42 W | 3 | 0.24 kg |
| DN00UB69V250D1L | F330262 | 690 V | 250 A | 8300 A ² s | 42500 A ² s | 200 kA | 50 W | 3 | 0.24 kg |
| DN00UB69V315D1L | G330263 | 690 V | 315 A | 17520 A ² s | 81000 A ² s | 200 kA | 58 W | 3 | 0.24 kg |
| DN00UB69V350D1L | H330264 | 690 V | 350 A | 25450 A ² s | 118000 A ² s | 200 kA | 60 W | 3 | 0.24 kg |
| DN00UB69V400D1L | J330265 | 690 V | 400 A | 33180 A ² s | 150000 A ² s | 200 kA | 70 W | 3 | 0.24 kg |

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Protistor® size NH 000, 00, 0, 1, 2, 3 aR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



NH000UD69V200PV

Size 000 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH000UD69V16PV | P320035 | 690 V | 700 V | 16 A | 8 A ² s | 50 A ² s | 80 kA | 2.8 W | 3 | 0.13 kg |
| NH000UD69V20PV | R320037 | 690 V | 700 V | 20 A | 15 A ² s | 90 A ² s | 80 kA | 2.8 W | 3 | 0.13 kg |
| NH000UD69V25PV | T320039 | 690 V | 700 V | 25 A | 21 A ² s | 130 A ² s | 80 kA | 4.2 W | 3 | 0.13 kg |
| NH000UD69V32PV | Y320043 | 690 V | 700 V | 32 A | 46 A ² s | 270 A ² s | 80 kA | 5.5 W | 3 | 0.13 kg |
| NH000UD69V40PV | C320047 | 690 V | 700 V | 40 A | 67 A ² s | 400 A ² s | 80 kA | 5.5 W | 3 | 0.13 kg |
| NH000UD69V50PV | G320051 | 690 V | 700 V | 50 A | 110 A ² s | 630 A ² s | 80 kA | 9.7 W | 3 | 0.13 kg |
| NH000UD69V63PV | L320055 | 690 V | 700 V | 63 A | 216 A ² s | 1300 A ² s | 80 kA | 12.5 W | 3 | 0.13 kg |
| NH000UD69V80PV | Q320059 | 690 V | 700 V | 80 A | 348 A ² s | 2000 A ² s | 80 kA | 16.7 W | 3 | 0.13 kg |
| NH000UD69V100PV | V320063 | 690 V | 700 V | 100 A | 722 A ² s | 4300 A ² s | 80 kA | 19.4 W | 3 | 0.13 kg |
| NH000UD69V125PV | X320065 | 690 V | 700 V | 125 A | 1390 A ² s | 8200 A ² s | 80 kA | 20.8 W | 3 | 0.13 kg |
| NH000UD69V160PV | B320069 | 690 V | 700 V | 160 A | 2080 A ² s | 12200 A ² s | 80 kA | 30.5 W | 3 | 0.13 kg |
| NH000UD69V200PV | D320071 | 690 V | 700 V | 200 A | 3870 A ² s | 22700 A ² s | 80 kA | 36.1 W | 3 | 0.13 kg |
| NH000UD69V250PV | H320075 | 690 V | 700 V | 250 A | 7540 A ² s | 44400 A ² s | 80 kA | 44.1 W | 3 | 0.13 kg |
| NH000UD50V315PV | M320079 | 500 V | 550 V | 315 A | 15400 A ² s | 90700 A ² s | 80 kA | 60.2 W | 3 | 0.13 kg |



NH00UD69V125PV

Size 00 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| NH00UD69V20PV | A320137 | 690 V | 700 V | 20 A | 16 A ² s | 90 A ² s | 170 kA | 2.8 W | 3 | 0.2 kg |
| NH00UD69V25PV | C320139 | 690 V | 700 V | 25 A | 21 A ² s | 130 A ² s | 170 kA | 4.2 W | 3 | 0.2 kg |
| NH00UD69V32PV | G320143 | 690 V | 700 V | 32 A | 46 A ² s | 270 A ² s | 170 kA | 5.5 W | 3 | 0.2 kg |
| NH00UD69V40PV | L320147 | 690 V | 700 V | 40 A | 67 A ² s | 400 A ² s | 170 kA | 8.3 W | 3 | 0.2 kg |
| NH00UD69V50PV | Q320151 | 690 V | 700 V | 50 A | 110 A ² s | 630 A ² s | 170 kA | 9.7 W | 3 | 0.2 kg |
| NH00UD69V63PV | V320155 | 690 V | 700 V | 63 A | 216 A ² s | 1300 A ² s | 170 kA | 12.5 W | 3 | 0.2 kg |
| NH00UD69V80PV | Z320159 | 690 V | 700 V | 80 A | 348 A ² s | 2000 A ² s | 170 kA | 16.7 W | 3 | 0.2 kg |
| NH00UD69V100PV | D320163 | 690 V | 700 V | 100 A | 722 A ² s | 4300 A ² s | 170 kA | 19.4 W | 3 | 0.2 kg |
| NH00UD69V125PV | F320165 | 690 V | 700 V | 125 A | 1390 A ² s | 8200 A ² s | 170 kA | 20.8 W | 3 | 0.2 kg |
| NH00UD69V160PV | K320169 | 690 V | 700 V | 160 A | 2070 A ² s | 12200 A ² s | 170 kA | 30.5 W | 3 | 0.2 kg |
| NH00UD69V200PV | M320171 | 690 V | 700 V | 200 A | 3870 A ² s | 22700 A ² s | 170 kA | 36.1 W | 3 | 0.2 kg |
| NH00UD69V250PV | R320175 | 690 V | 700 V | 250 A | 7540 A ² s | 44400 A ² s | 170 kA | 44.4 W | 3 | 0.2 kg |
| NH00UD69V315PV | W320179 | 690 V | 700 V | 315 A | 15400 A ² s | 90700 A ² s | 170 kA | 60 W | 3 | 0.2 kg |



NH0UD69V315PV

Size 0 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH0UD69V32PV | Q320243 | 690 V | 700 V | 32 A | 32 A ² s | 170 A ² s | 170 kA | 19.4 W | 3 | 0.27 kg |
| NH0UD69V40PV | V320247 | 690 V | 700 V | 40 A | 54 A ² s | 280 A ² s | 170 kA | 20.8 W | 3 | 0.27 kg |
| NH0UD69V50PV | Z320251 | 690 V | 700 V | 50 A | 87 A ² s | 470 A ² s | 170 kA | 20.8 W | 3 | 0.27 kg |
| NH0UD69V63PV | D320255 | 690 V | 700 V | 63 A | 128 A ² s | 700 A ² s | 170 kA | 23.6 W | 3 | 0.27 kg |
| NH0UD69V80PV | H320259 | 690 V | 700 V | 80 A | 184 A ² s | 970 A ² s | 170 kA | 25 W | 3 | 0.27 kg |
| NH0UD69V100PV | M320263 | 690 V | 700 V | 100 A | 392 A ² s | 2080 A ² s | 170 kA | 30.5 W | 3 | 0.27 kg |
| NH0UD69V125PV | P320265 | 690 V | 700 V | 125 A | 722 A ² s | 3890 A ² s | 170 kA | 36.1 W | 3 | 0.27 kg |
| NH0UD69V160PV | T320269 | 690 V | 700 V | 160 A | 1550 A ² s | 8320 A ² s | 170 kA | 44.4 W | 3 | 0.27 kg |
| NH0UD69V200PV | W320271 | 690 V | 700 V | 200 A | 2950 A ² s | 15900 A ² s | 170 kA | 54.2 W | 3 | 0.27 kg |
| NH0UD69V250PV | A320275 | 690 V | 700 V | 250 A | 5580 A ² s | 29900 A ² s | 170 kA | 66.7 W | 3 | 0.27 kg |
| NH0UD69V315PV | E320279 | 690 V | 700 V | 315 A | 11600 A ² s | 62300 A ² s | 170 kA | 80 W | 3 | 0.27 kg |

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Protistor® size NH 000, 00, 0, 1, 2, 3 aR
690VAC (IEC) / 700VAC (UL)

PRODUCT RANGE



NH1UD69V315PV

Size 1 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH1UD69V63PV | M320355 | 690 V | 700 V | 63 A | 128 A ² s | 700 A ² s | 170 kA | 36.1 W | 3 | 0.42 kg |
| NH1UD69V80PV | K320399 | 690 V | 700 V | 80 A | 216 A ² s | 1170 A ² s | 170 kA | 43 W | 3 | 0.42 kg |
| NH1UD69V100PV | W320363 | 690 V | 700 V | 100 A | 288 A ² s | 1570 A ² s | 170 kA | 45.8 W | 3 | 0.42 kg |
| NH1UD69V125PV | Y320365 | 690 V | 700 V | 125 A | 620 A ² s | 3320 A ² s | 170 kA | 53 W | 3 | 0.42 kg |
| NH1UD69V160PV | C320369 | 690 V | 700 V | 160 A | 1170 A ² s | 6270 A ² s | 170 kA | 58 W | 3 | 0.42 kg |
| NH1UD69V200PV | E320371 | 690 V | 700 V | 200 A | 2480 A ² s | 13300 A ² s | 170 kA | 66.7 W | 3 | 0.42 kg |
| NH1UD69V250PV | J320375 | 690 V | 700 V | 250 A | 4690 A ² s | 25100 A ² s | 170 kA | 75 W | 3 | 0.42 kg |
| NH1UD69V315PV | N320379 | 690 V | 700 V | 315 A | 9580 A ² s | 51400 A ² s | 170 kA | 83 W | 3 | 0.42 kg |
| NH1UD69V350PV | P320380 | 690 V | 700 V | 350 A | 13500 A ² s | 72300 A ² s | 170 kA | 89 W | 3 | 0.42 kg |
| NH1UD69V400PV | S320383 | 690 V | 700 V | 400 A | 19500 A ² s | 105000 A ² s | 170 kA | 97 W | 3 | 0.42 kg |



NH2UD69V500PV

Size 2 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH2UD69V160PV | L320469 | 690 V | 700 V | 160 A | 0.968 kA ² s | 5.18 kA ² s | 170 kA | 75 W | 3 | 0.62 kg |
| NH2UD69V200PV | N320471 | 690 V | 700 V | 200 A | 1.71 kA ² s | 9.22 kA ² s | 170 kA | 83 W | 3 | 0.62 kg |
| NH2UD69V250PV | S320475 | 690 V | 700 V | 250 A | 3.5 kA ² s | 18.7 kA ² s | 170 kA | 93 W | 3 | 0.62 kg |
| NH2UD69V315PV | X320479 | 690 V | 700 V | 315 A | 6.87 kA ² s | 36.9 kA ² s | 170 kA | 108 W | 3 | 0.62 kg |
| NH2UD69V350PV | Y320480 | 690 V | 700 V | 350 A | 9.58 kA ² s | 51.4 kA ² s | 170 kA | 116 W | 3 | 0.62 kg |
| NH2UD69V400PV | B320483 | 690 V | 700 V | 400 A | 13.5 kA ² s | 72.3 kA ² s | 170 kA | 125 W | 3 | 0.62 kg |
| NH2UD69V450PV | D320485 | 690 V | 700 V | 450 A | 21 kA ² s | 113 kA ² s | 170 kA | 139 W | 3 | 0.62 kg |
| NH2UD69V500PV | F320487 | 690 V | 700 V | 500 A | 27.5 kA ² s | 147 kA ² s | 170 kA | 147 W | 3 | 0.62 kg |
| NH2UD69V550PV | G320488 | 690 V | 700 V | 550 A | 38.4 kA ² s | 206 kA ² s | 170 kA | 155 W | 3 | 0.62 kg |
| NH2UD69V630PV | H320489 | 690 V | 700 V | 630 A | 58.6 kA ² s | 315 kA ² s | 170 kA | 169 W | 3 | 0.62 kg |
| NH2UD69V700PV | J320490 | 690 V | 700 V | 700 A | 78.1 kA ² s | 420 kA ² s | 170 kA | 175 W | 3 | 0.62 kg |



NH3UD69V700PV

Size 3 aR 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH3UD69V315PV | F320579 | 690 V | 700 V | 315 A | 5.24 kA ² s | 28.2 kA ² s | 170 kA | 113 W | 1 | 1.05 kg |
| NH3UD69V350PV | G320580 | 690 V | 700 V | 350 A | 7.54 kA ² s | 40.6 kA ² s | 170 kA | 117 W | 1 | 1.05 kg |
| NH3UD69V400PV | K320583 | 690 V | 700 V | 400 A | 10.5 kA ² s | 56.5 kA ² s | 170 kA | 130 W | 1 | 1.05 kg |
| NH3UD69V450PV | M320585 | 690 V | 700 V | 450 A | 15.7 kA ² s | 84.3 kA ² s | 170 kA | 139 W | 1 | 1.05 kg |
| NH3UD69V500PV | P320587 | 690 V | 700 V | 500 A | 22.2 kA ² s | 119 kA ² s | 170 kA | 150 W | 1 | 1.05 kg |
| NH3UD69V550PV | Q320588 | 690 V | 700 V | 550 A | 30.3 kA ² s | 163 kA ² s | 170 kA | 160 W | 1 | 1.05 kg |
| NH3UD69V630PV | R320589 | 690 V | 700 V | 630 A | 42.1 kA ² s | 226 kA ² s | 170 kA | 175 W | 1 | 1.05 kg |
| NH3UD69V700PV | S320590 | 690 V | 700 V | 700 A | 61.7 kA ² s | 332 kA ² s | 170 kA | 200 W | 1 | 1.05 kg |
| NH3UD69V800PV | T320591 | 690 V | 700 V | 800 A | 88.9 kA ² s | 478 kA ² s | 170 kA | 220 W | 1 | 1.05 kg |
| NH3UD69V900PV | V320592 | 690 V | 700 V | 900 A | 124 kA ² s | 666 kA ² s | 170 kA | 250 W | 1 | 1.05 kg |
| NH3UD69V1000PV | W320593 | 690 V | 700 V | 1000 A | 178 kA ² s | 959 kA ² s | 170 kA | 280 W | 1 | 1.05 kg |

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Protistor® size NH 000, 00, 1, 2, 3 gS
690VAC

PRODUCT RANGE



NH000GS69V25PV

Size 000 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|-----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH000GS69V16PV | N322035 | 690 V | 700 V | 16 A | 9 A ² s | 45 A ² s | 160 kA | 5 W | 3 | 0.13 kg |
| NH000GS69V20PV | Q322037 | 690 V | 700 V | 20 A | 10 A ² s | 54 A ² s | 160 kA | 6 W | 3 | 0.13 kg |
| NH000GS69V25PV | S322039 | 690 V | 700 V | 25 A | 18 A ² s | 96 A ² s | 160 kA | 7 W | 3 | 0.13 kg |
| NH000GS69V32PV | X322043 | 690 V | 700 V | 32 A | 39 A ² s | 218 A ² s | 160 kA | 8 W | 3 | 0.13 kg |
| NH000GS69V40PV | B322047 | 690 V | 700 V | 40 A | 69 A ² s | 386 A ² s | 160 kA | 9 W | 3 | 0.13 kg |
| NH000GS69V50PV | F322051 | 690 V | 700 V | 50 A | 136 A ² s | 764 A ² s | 160 kA | 10 W | 3 | 0.13 kg |
| NH000GS69V63PV | K322055 | 690 V | 700 V | 63 A | 275 A ² s | 1545 A ² s | 160 kA | 11 W | 3 | 0.13 kg |
| NH000GS69V80PV | P322059 | 690 V | 700 V | 80 A | 543 A ² s | 3055 A ² s | 160 kA | 13 W | 3 | 0.13 kg |
| NH000GS69V100PV | T322063 | 690 V | 700 V | 100 A | 1063 A ² s | 5982 A ² s | 160 kA | 14 W | 3 | 0.13 kg |



NH00GS69V125PV

Size 00 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|--------|
| NH00GS69V125PV | E322165 | 690 V | 700 V | 125 A | 2170 A ² s | 10850 A ² s | 160 kA | 16 W | 3 | 0.2 kg |
| NH00GS69V160PV | J322169 | 690 V | 700 V | 160 A | 4270 A ² s | 21340 A ² s | 160 kA | 19 W | 3 | 0.2 kg |



NH1GS69V125PV

Size 1 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH1GS69V100PV | V322363 | 690 V | 700 V | 100 A | 965 A ² s | 4820 A ² s | 160 kA | 19 W | 3 | 0.43 kg |
| NH1GS69V125PV | X322365 | 690 V | 700 V | 125 A | 1705 A ² s | 8550 A ² s | 160 kA | 21 W | 3 | 0.43 kg |
| NH1GS69V160PV | B322369 | 690 V | 700 V | 160 A | 3860 A ² s | 19000 A ² s | 160 kA | 23 W | 3 | 0.43 kg |
| NH1GS69V200PV | D322371 | 690 V | 700 V | 200 A | 7560 A ² s | 38000 A ² s | 160 kA | 26 W | 3 | 0.43 kg |
| NH1GS69V250PV | H322375 | 690 V | 700 V | 250 A | 15420 A ² s | 77150 A ² s | 160 kA | 29 W | 3 | 0.43 kg |
| NH1GS69V280PV | L302897 | 690 V | 700 V | 280 A | 18665 A ² s | 93000 A ² s | 160 kA | 33 W | 3 | 0.43 kg |



NH2GS69V250PV

Size 2 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH2GS69V160PV | K322469 | 690 V | 700 V | 160 A | 3.46 kA ² s | 17.5 kA ² s | 160 kA | 28 W | 3 | 0.64 kg |
| NH2GS69V200PV | M322471 | 690 V | 700 V | 200 A | 6.87 kA ² s | 34 kA ² s | 160 kA | 30 W | 3 | 0.64 kg |
| NH2GS69V250PV | R322475 | 690 V | 700 V | 250 A | 12.485 kA ² s | 62 kA ² s | 160 kA | 33 W | 3 | 0.64 kg |
| NH2GS69V315PV | W322479 | 690 V | 700 V | 315 A | 27.945 kA ² s | 140 kA ² s | 160 kA | 36 W | 3 | 0.64 kg |
| NH2GS69V350PV | X322480 | 690 V | 700 V | 350 A | 38.31 kA ² s | 191 kA ² s | 160 kA | 38 W | 3 | 0.64 kg |
| NH2GS69V400PV | A322483 | 690 V | 700 V | 400 A | 54.32 kA ² s | 271 kA ² s | 160 kA | 41 W | 3 | 0.64 kg |
| NH2GS69V450PV | C322485 | 690 V | 700 V | 450 A | 81.125 kA ² s | 405 kA ² s | 160 kA | 43 W | 3 | 0.64 kg |



NH3GS69V315PV

Size 3 gS 690VAC

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage AC (UL) | Rated current I _n | Pre-arcing I ² t | Clearing I ² t at Rated Voltage | Rated breaking capacity AC | Power dissipation at I _n | Package | Weight |
|----------------|-------------|------------------------|-----------------------|------------------------------|-----------------------------|--|----------------------------|-------------------------------------|---------|---------|
| NH3GS69V250PV | R322590 | 690 V | 700 V | 250 A | 9.69 kA ² s | 48 kA ² s | 160 kA | 39 W | 1 | 1.05 kg |
| NH3GS69V315PV | E322579 | 690 V | 700 V | 315 A | 19.525 kA ² s | 97 kA ² s | 160 kA | 42 W | 1 | 1.05 kg |
| NH3GS69V350PV | F322580 | 690 V | 700 V | 350 A | 28.135 kA ² s | 140 kA ² s | 160 kA | 44 W | 1 | 1.05 kg |
| NH3GS69V400PV | J322583 | 690 V | 700 V | 400 A | 42.05 kA ² s | 210 kA ² s | 160 kA | 47 W | 1 | 1.05 kg |
| NH3GS69V450PV | L322585 | 690 V | 700 V | 450 A | 58.675 kA ² s | 293 kA ² s | 160 kA | 50 W | 1 | 1.05 kg |
| NH3GS69V500PV | N322587 | 690 V | 700 V | 500 A | 87.03 kA ² s | 435.1 kA ² s | 160 kA | 52 W | 1 | 1.05 kg |
| NH3GS69V550PV | P322588 | 690 V | 700 V | 550 A | 111.81 kA ² s | 559 kA ² s | 160 kA | 56 W | 1 | 1.05 kg |
| NH3GS69V630PV | Q322589 | 690 V | 700 V | 630 A | 149.95 kA ² s | 749 kA ² s | 160 kA | 63 W | 1 | 1.05 kg |

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Microswitches for Protistor NH fuse-links

PRODUCT RANGE



MS4L2-5B2PRES

Microswitches for PSC sizes 000/00

| Catalog number | Item number | Rated voltage AC (IEC) | Rated current I_n | Rated impulse withstand voltage U_{imp} | Package | Weight |
|----------------|-------------|------------------------|---------------------|---|---------|--------|
| MS4L2-5B6PRES | F210156 | 1000 V | 10 A | 10 kV | 3 | 36 g |
| MS4L2-5B2PRES | G210157 | 1000 V | 5 A | 13 kV | 3 | 31.6 g |

DC PROTECTION FOR ELECTRIC VEHICLES & BATTERY APPLICATIONS





BATTERY PACK FUSES **338 - 342**

| | |
|---------------------------------|-----|
| EYpack-fuse MEV55 | 338 |
| EYpack-fuse MEV70 | 339 |
| EYpack-fuse MEV80 | 341 |
| EYpack-fuse MEV100 | 341 |



BATTERY MODULE FUSES **343**

| | |
|-----------------------------------|-----|
| m-fuse MF 100VDC Max. | 343 |
|-----------------------------------|-----|



BATTERY MODULE FUSES **344**

| | |
|--------------------|-----|
| Xp-ST | 344 |
|--------------------|-----|

EVpack-fuse MEV55

550 VDC Max., L/R ≤ 1ms, 5 - 50A

PRODUCT RANGE



MEV55C30

MEV55C Ferrule Fuse

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MEV55C5 | 550 V | 5 A | 0.25 W | 10 A | 10 s | 80 | 7.5 g |
| MEV55C6 | 550 V | 6 A | 0.29 W | 12 A | 10 s | 80 | 7.5 g |
| MEV55C7 | 550 V | 7 A | 0.31 W | 14 A | 10 s | 80 | 7.5 g |
| MEV55C8 | 550 V | 8 A | 0.4 W | 16 A | 10 s | 80 | 7.5 g |
| MEV55C10 | 550 V | 10 A | 0.45 W | 20 A | 10 s | 80 | 7.5 g |
| MEV55C12 | 550 V | 12 A | 0.47 W | 24 A | 10 s | 80 | 7.5 g |
| MEV55C15 | 550 V | 15 A | 0.49 W | 30 A | 100 s | 80 | 7.5 g |
| MEV55C20 | 550 V | 20 A | 0.56 W | 40 A | 100 s | 80 | 7.5 g |
| MEV55C25 | 550 V | 25 A | 0.63 W | 50 A | 100 s | 80 | 7.5 g |
| MEV55C30 | 550 V | 30 A | 0.68 W | 60 A | 100 s | 80 | 7.5 g |
| MEV55C30/40 | 550 V | 40 A | 0.63 W | 150 A | 10 s | 80 | 7.5 g |
| MEV55C30/50 | 550 V | 50 A | 1 W | 180 A | 10 s | 80 | 7.5 g |



MEV55C30-S

MEV55C -S Surface Mount Fuse

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MEV55C5-S | 550 V | 5 A | 0.25 W | 10 A | 10 s | 80 | 9.9 g |
| MEV55C6-S | 550 V | 6 A | 0.29 W | 12 A | 10 s | 80 | 9.9 g |
| MEV55C7-S | 550 V | 7 A | 0.31 W | 14 A | 10 s | 80 | 9.9 g |
| MEV55C8-S | 550 V | 8 A | 0.4 W | 16 A | 10 s | 80 | 9.9 g |
| MEV55C10-S | 550 V | 10 A | 0.45 W | 20 A | 10 s | 80 | 9.9 g |
| MEV55C12-S | 550 V | 12 A | 0.47 W | 24 A | 10 s | 80 | 9.9 g |
| MEV55C15-S | 550 V | 15 A | 0.49 W | 30 A | 100 s | 80 | 9.9 g |
| MEV55C20-S | 550 V | 20 A | 0.56 W | 40 A | 100 s | 80 | 9.9 g |
| MEV55C25-S | 550 V | 25 A | 0.63 W | 50 A | 100 s | 80 | 9.9 g |
| MEV55C30-S | 550 V | 30 A | 0.68 W | 60 A | 100 s | 80 | 9.9 g |
| MEV55C30/40-S | 550 V | 40 A | 0.63 W | 150 A | 10 s | 80 | 9.9 g |
| MEV55C30/50-S | 550 V | 50 A | 1 W | 180 A | 10 s | 80 | 9.9 g |



MEV55C30-P

MEV55C -P PC Board Mount

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MEV55C5-P | 550 V | 5 A | 0.25 W | 10 A | 10 s | 80 | 9.9 g |
| MEV55C6-P | 550 V | 6 A | 0.29 W | 12 A | 10 s | 80 | 9.9 g |
| MEV55C7-P | 550 V | 7 A | 0.31 W | 14 A | 10 s | 80 | 9.9 g |
| MEV55C8-P | 550 V | 8 A | 0.4 W | 16 A | 10 s | 80 | 9.9 g |
| MEV55C10-P | 550 V | 10 A | 0.45 W | 20 A | 10 s | 80 | 9.9 g |
| MEV55C12-P | 550 V | 12 A | 0.5 W | 24 A | 10 s | 80 | 9.9 g |
| MEV55C15-P | 550 V | 15 A | 0.45 W | 30 A | 100 s | 80 | 9.9 g |
| MEV55C20-P | 550 V | 20 A | 0.54 W | 40 A | 100 s | 80 | 9.9 g |
| MEV55C25-P | 550 V | 25 A | 0.59 W | 50 A | 100 s | 80 | 9.9 g |
| MEV55C30-P | 550 V | 30 A | 0.65 W | 60 A | 100 s | 80 | 9.9 g |
| MEV55C30/40-P | 550 V | 40 A | 0.63 W | 150 A | 10 s | 80 | 9.9 g |
| MEV55C30/50-P | 550 V | 50 A | 1.1 W | 180 A | 10 s | 80 | 9.9 g |

EVpack-fuse MEV55

550 VDC Max., L/R ≤ 1ms, 5 - 50A

ACCESSORIES

Fuse blocks



30311



30312



30313

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Number of poles/phases | Contact Materials | Wire Range | Weight |
|--|-------------|------------------|------------------------|------------------------|-------------------|------------|---------|
| Open-style fuse blocks | | | | | | | |
| Screw w/ double quick connects at both ends | | | | | | | |
| 30310 | 30310 | 600 V | MEV55C fuses up to 30A | Adder | Tin-plated Copper | Cu #10-14 | 42 g |
| 30311 | 30311 | 600 V | MEV55C fuses up to 30A | 1 | Tin-plated Copper | Cu #10-14 | 47 g |
| 30312 | 30312 | 600 V | MEV55C fuses up to 30A | 2 | Tin-plated Copper | Cu #10-14 | 80 g |
| 30313 | 30313 | 600 V | MEV55C fuses up to 30A | 3 | Tin-plated Copper | Cu #10-14 | 0.12 kg |
| Pressure plate (sems) w/ double quick connects at both ends | | | | | | | |
| 30320 | 30320 | 600 V | MEV55C fuses up to 30A | Adder | Tin-plated Copper | Cu #10-14 | - |
| 30321 | 30321 | 600 V | MEV55C fuses up to 30A | 1 | Tin-plated Copper | Cu #10-14 | 96 g |
| 30322 | 30322 | 600 V | MEV55C fuses up to 30A | 2 | Tin-plated Copper | Cu #10-14 | 93 g |
| 30323 | 30323 | 600 V | MEV55C fuses up to 30A | 3 | Tin-plated Copper | Cu #10-14 | 0.13 kg |
| Copper box | | | | | | | |
| 30350 | 30350 | 600 V | MEV55C fuses up to 30A | Adder | Tin-plated Copper | Cu #6-14 | - |
| 30351 | 30351 | 600 V | MEV55C fuses up to 30A | 1 | Tin-plated Copper | Cu #6-14 | 49 g |
| 30352 | 30352 | 600 V | MEV55C fuses up to 30A | 2 | Tin-plated Copper | Cu #6-14 | - |
| 30353 | 30353 | 600 V | MEV55C fuses up to 30A | 3 | Tin-plated Copper | Cu #6-14 | 0.13 kg |

EVpack-fuse MEV70

700 VDC Max., L/R ≤ 1ms, 35 - 600A

PRODUCT RANGE

MEV70V -S Surface Mount Fuse



MEV70V160-S

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MEV70V35-S | 700 V | 35 A | 0.86 W | 125 A | 5 s | 5 | 9.9 g |
| MEV70V40-S | 700 V | 40 A | 0.82 W | 150 A | 5 s | 5 | 9.9 g |
| MEV70V50-S | 700 V | 50 A | 1.2 W | 175 A | 5 s | 5 | 9.9 g |
| MEV70V60-S | 700 V | 60 A | 1.47 W | 200 A | 5 s | 5 | 9.9 g |
| MEV70V70-S | 700 V | 70 A | 1.89 W | 200 A | 30 s | 5 | 59 g |
| MEV70V80-S | 700 V | 80 A | 1.75 W | 270 A | 30 s | 5 | 59 g |
| MEV70V100-S | 700 V | 100 A | 2 W | 330 A | 30 s | 5 | 59 g |
| MEV70V125-S | 700 V | 125 A | 2.74 W | 1500 A | 150 ms | 5 | 59 g |
| MEV70V150-S | 700 V | 150 A | 3.54 W | 1500 A | 200 ms | 5 | 59 g |
| MEV70V160-S | 700 V | 160 A | 3.75 W | 1500 A | 300 ms | 5 | 59 g |
| MEV70V175-S | 700 V | 175 A | 4.63 W | 1500 A | 420 ms | 5 | 59 g |

BATTERY PACK FUSES

EVpack-fuse MEV70

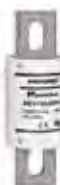
700 VDC Max., L/R ≤ 1ms, 35 - 600A

PRODUCT RANGE

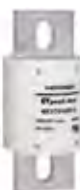
MEV70A Round Body Fuse



MEV70A100-4



MEV70A400-4



MEV70A600-4

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|---------|
| MEV70A50-4 | 700 V | 50 A | 1.4 W | 380 A | 50 ms | 5 | 99 g |
| MEV70A60-4 | 700 V | 60 A | 1.8 W | 460 A | 50 ms | 5 | 99 g |
| MEV70A70-4 | 700 V | 70 A | 2.2 W | 540 A | 50 ms | 5 | 99 g |
| MEV70A80-4 | 700 V | 80 A | 2.5 W | 610 A | 50 ms | 5 | 99 g |
| MEV70A90-4 | 700 V | 90 A | 2.7 W | 690 A | 50 ms | 5 | 99 g |
| MEV70A100-4 | 700 V | 100 A | 3.1 W | 760 A | 50 ms | 5 | 99 g |
| MEV70A125-4 | 700 V | 125 A | 3.8 W | 870 A | 60 ms | 5 | 0.17 kg |
| MEV70A150-4 | 700 V | 150 A | 4.5 W | 1040 A | 60 ms | 5 | 0.17 kg |
| MEV70A175-4 | 700 V | 175 A | 5.2 W | 1210 A | 60 ms | 5 | 0.17 kg |
| MEV70A200-4 | 700 V | 200 A | 5.9 W | 1380 A | 60 ms | 5 | 0.17 kg |
| MEV70A225-4 | 700 V | 225 A | 6.7 W | 1190 A | 140 ms | 5 | 0.26 kg |
| MEV70A250-4 | 700 V | 250 A | 7.4 W | 1320 A | 140 ms | 5 | 0.26 kg |
| MEV70A300-4 | 700 V | 300 A | 8.8 W | 1580 A | 140 ms | 5 | 0.26 kg |
| MEV70A350-4 | 700 V | 350 A | 10.2 W | 1840 A | 140 ms | 5 | 0.26 kg |
| MEV70A400-4 | 700 V | 400 A | 11.7 W | 2100 A | 140 ms | 5 | 0.26 kg |
| MEV70A450-4 | 700 V | 450 A | 12.4 W | 2200 A | 360 ms | 5 | 0.52 kg |
| MEV70A500-4 | 700 V | 500 A | 13.9 W | 2460 A | 360 ms | 5 | 0.52 kg |
| MEV70A600-4 | 700 V | 600 A | 16.6 W | 2950 A | 360 ms | 5 | 0.52 kg |

ACCESSORIES

Fuse blocks



1SC250

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Contact Materials | Tightening torque (max.) | Weight |
|-------------------------------------|-------------|------------------|--|-------------------|--------------------------|---------|
| P243 Fuse blocks | | | | | | |
| P243E | P243E | 700 V | MEV70A fuses from 70 to 200A | Tin-Plated Copper | 4.1 N-m | 0.12 kg |
| P266 Fuse blocks | | | | | | |
| P266C | P266C | 700 V | MEV70A fuses from 225 to 600A | Stainless Steel | 20.3 N-m | 0.40 kg |
| 1SC/IMSC Modular Fuse blocks | | | | | | |
| 1SCM8 | 1SCM8 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.8 N-m | 68 g |
| 1SC250 | 1SC250 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.9 N-m | 68 g |
| 1SC375 | 1SC375 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.7 N-m | 68 g |
| 1SCM10 | 1SCM10 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.5 N-m | 68 g |

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BATTERY PACK FUSES

EVpack-fuse MEV80

PRODUCT RANGE

800 VDC Max., L/R ≤ 1ms, 100 - 350A



MEV80S300-S

MEV80S -S Surface Mount

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|
| MEV80S100-S | 800 V | 100 A | 3 W | 500 A | 1 s | 0.25 kg |
| MEV80S150-S | 800 V | 150 A | 5 W | 900 A | 1 s | 0.25 kg |
| MEV80S200-S | 800 V | 200 A | 6 W | 1200 A | 1 s | 0.25 kg |
| MEV80S250-S | 800 V | 250 A | 7 W | 1500 A | 1 s | 0.25 kg |
| MEV80S300-S | 800 V | 300 A | 9 W | 1800 A | 1 s | 0.25 kg |
| MEV80S350-S | 800 V | 350 A | 11 W | 2000 A | 1 s | 0.25 kg |

EVpack-fuse MEV100

PRODUCT RANGE

1,000 VDC Max., L/R ≤ 1ms, 8 - 600A



MEV100C30

MEV100C Ferrule Fuse

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MEV100C8 | 1000 V | 8 A | 0.23 W | 16 A | 100 s | 10 | 7.5 g |
| MEV100C10 | 1000 V | 10 A | 0.32 W | 20 A | 100 s | 10 | 7.5 g |
| MEV100C12 | 1000 V | 12 A | 0.42 W | 24 A | 100 s | 10 | 7.5 g |
| MEV100C15 | 1000 V | 15 A | 0.63 W | 30 A | 100 s | 10 | 7.5 g |
| MEV100C20 | 1000 V | 20 A | 0.92 W | 40 A | 100 s | 10 | 7.5 g |
| MEV100C25 | 1000 V | 25 A | 1.1 W | 50 A | 100 s | 10 | 7.5 g |
| MEV100C30 | 1000 V | 30 A | 1.2 W | 60 A | 100 s | 10 | 7.5 g |

MEV100C -S Surface Mount



MEV100C30-S

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MEV100C8-S | 1000 V | 8 A | 0.23 W | 16 A | 100 s | 10 | 9.9 g |
| MEV100C10-S | 1000 V | 10 A | 0.32 W | 20 A | 100 s | 10 | 9.9 g |
| MEV100C12-S | 1000 V | 12 A | 0.42 W | 24 A | 100 s | 10 | 9.9 g |
| MEV100C15-S | 1000 V | 15 A | 0.63 W | 30 A | 100 s | 10 | 9.9 g |
| MEV100C20-S | 1000 V | 20 A | 0.92 W | 40 A | 100 s | 10 | 9.9 g |
| MEV100C25-S | 1000 V | 25 A | 1.1 W | 50 A | 100 s | 10 | 9.9 g |
| MEV100C30-S | 1000 V | 30 A | 1.2 W | 60 A | 100 s | 10 | 9.9 g |

MEV100A Round Body Fuse



MEV100A300-4

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|---------|
| MEV100A50-4 | 1000 V | 50 A | 1.8 W | 960 A | 40 ms | 5 | 0.12 kg |
| MEV100A60-4 | 1000 V | 60 A | 2.2 W | 1160 A | 40 ms | 5 | 0.12 kg |
| MEV100A70-4 | 1000 V | 70 A | 2.7 W | 1350 A | 40 ms | 5 | 0.12 kg |
| MEV100A80-4 | 1000 V | 80 A | 3.2 W | 1540 A | 40 ms | 5 | 0.12 kg |
| MEV100A90-4 | 1000 V | 90 A | 3.6 W | 1730 A | 40 ms | 5 | 0.12 kg |
| MEV100A100-4 | 1000 V | 100 A | 4.3 W | 1920 A | 40 ms | 5 | 0.12 kg |
| MEV100A125-4 | 1000 V | 125 A | 4 W | 940 A | 80 ms | 5 | 0.19 kg |
| MEV100A150-4 | 1000 V | 150 A | 5.2 W | 1130 A | 80 ms | 5 | 0.19 kg |
| MEV100A175-4 | 1000 V | 175 A | 6.3 W | 1320 A | 80 ms | 5 | 0.19 kg |
| MEV100A200-4 | 1000 V | 200 A | 7.4 W | 1510 A | 80 ms | 5 | 0.19 kg |
| MEV100A225-4 | 1000 V | 225 A | 6.7 W | 2200 A | 80 ms | 5 | 0.30 kg |
| MEV100A250-4 | 1000 V | 250 A | 7.6 W | 2430 A | 80 ms | 5 | 0.30 kg |
| MEV100A300-4 | 1000 V | 300 A | 9.5 W | 2920 A | 80 ms | 5 | 0.30 kg |

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EVpack-fuse MEV100

1,000 VDC Max., L/R ≤ 1ms, 8 - 600A

PRODUCT RANGE

MEV100A Round Body Fuse for Metric Screws

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|---------|
| MEV100A50-4Y | 1000 V | 50 A | 1.8 W | 960 A | 40 ms | 5 | 0.12 kg |
| MEV100A60-4Y | 1000 V | 60 A | 2.2 W | 1160 A | 40 ms | 5 | 0.12 kg |
| MEV100A70-4Y | 1000 V | 70 A | 2.7 W | 1350 A | 40 ms | 5 | 0.12 kg |
| MEV100A80-4Y | 1000 V | 80 A | 3.2 W | 1540 A | 40 ms | 5 | 0.12 kg |
| MEV100A90-4Y | 1000 V | 90 A | 3.6 W | 1730 A | 40 ms | 5 | 0.12 kg |
| MEV100A100-4Y | 1000 V | 100 A | 4.3 W | 1920 A | 40 ms | 5 | 0.12 kg |
| MEV100A125-4Y | 1000 V | 125 A | 4 W | 940 A | 80 ms | 5 | 0.19 kg |
| MEV100A150-4Y | 1000 V | 150 A | 5.2 W | 1130 A | 80 ms | 5 | 0.19 kg |
| MEV100A175-4Y | 1000 V | 175 A | 6.3 W | 1320 A | 80 ms | 5 | 0.19 kg |
| MEV100A200-4Y | 1000 V | 200 A | 7.4 W | 1510 A | 80 ms | 5 | 0.19 kg |

MEV100J Round Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|---------|
| MEV100J350-4 | 1000 V | 350 A | 9 W | 700 A | 180 s | 1 | 0.86 kg |
| MEV100J400-4 | 1000 V | 400 A | 10.4 W | 800 A | 180 s | 1 | 0.86 kg |
| MEV100J450-4 | 1000 V | 450 A | 11.2 W | 900 A | 235 s | 1 | 1.34 kg |
| MEV100J500-4 | 1000 V | 500 A | 11.6 W | 1000 A | 280 s | 1 | 1.34 kg |
| MEV100J600-4 | 1000 V | 600 A | 16.4 W | 1200 A | 200 s | 1 | 1.34 kg |



MEV100J400-4

ACCESSORIES

Fuse blocks

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Contact Materials | Tightening torque (max.) | Weight |
|-------------------------------------|-------------|------------------|--|-------------------|--------------------------|---------|
| P243 Fuse blocks | | | | | | |
| P243C | P243C | 1000 V | MEV100A fuses from 35 to 200A | Tin-Plated Copper | 4.1 N-m | 0.12 kg |
| P266 Fuse blocks | | | | | | |
| P266A | P266A | 1000 V | MEV100A fuses from 225 to 600A | Stainless Steel | 20.3 N-m | 0.39 kg |
| 1SC/1MSC Modular Fuse blocks | | | | | | |
| 1SCM8 | 1SCM8 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.8 N-m | 68 g |
| 1SC250 | 1SC250 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.9 N-m | 68 g |
| 1SC375 | 1SC375 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.7 N-m | 68 g |
| 1SCM10 | 1SCM10 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.5 N-m | 68 g |



P243C



1SC250

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BATTERY MODULE FUSES

m-fuse MF 100VDC Max.

L/R ≤1.5ms, 50 - 200A

PRODUCT RANGE



MF100A-4

MF-A Round Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MF50A-4 | 100 V | 50 A | 0.8 W | 180 A | 50 ms | 5 | 68 g |
| MF60A-4 | 100 V | 60 A | 0.9 W | 210 A | 50 ms | 5 | 68 g |
| MF70A-4 | 100 V | 70 A | 1.1 W | 250 A | 50 ms | 5 | 68 g |
| MF80A-4 | 100 V | 80 A | 1.6 W | 280 A | 50 ms | 5 | 68 g |
| MF90A-4 | 100 V | 90 A | 1.8 W | 320 A | 50 ms | 5 | 68 g |
| MF100A-4 | 100 V | 100 A | 2 W | 360 A | 50 ms | 5 | 68 g |
| MF125A-4 | 100 V | 125 A | 2.6 W | 450 A | 50 ms | 5 | 68 g |
| MF150A-4 | 100 V | 150 A | 3.2 W | 540 A | 50 ms | 5 | 68 g |
| MF175A-4 | 100 V | 175 A | 4 W | 630 A | 50 ms | 5 | 68 g |
| MF200A-4 | 100 V | 200 A | 4.4 W | 720 A | 50 ms | 10 | 68 g |

MF-B Cylindrical Body Fuse

| Catalog number | Rated voltage DC (UL) | Rated current I _n | Power dissipation at 0.5 I _n | Min. breaking capacity (MBC) | Max. time to clear MBC | Package | Weight |
|----------------|-----------------------|------------------------------|---|------------------------------|------------------------|---------|--------|
| MF50B-4 | 100 V | 50 A | 1.8 W | 140 A | 10 s | 10 | 28 g |
| MF60B-4 | 100 V | 60 A | 2.1 W | 170 A | 10 s | 10 | 28 g |
| MF75B-4 | 100 V | 75 A | 2.7 W | 210 A | 10 s | 10 | 28 g |
| MF80B-4 | 100 V | 80 A | 2.7 W | 225 A | 10 s | 10 | 28 g |
| MF100B-4 | 100 V | 100 A | 2.3 W | 280 A | 10 s | 10 | 28 g |
| MF125B-4 | 100 V | 125 A | 2.5 W | 350 A | 10 s | 10 | 28 g |
| MF150B-4 | 100 V | 150 A | 2.7 W | 420 A | 10 s | 10 | 28 g |
| MF160B-4 | 100 V | 160 A | 3.1 W | 450 A | 10 s | 10 | 28 g |
| MF180B-4 | 100 V | 180 A | 3.4 W | 500 A | 10 s | 10 | 28 g |

ACCESSORIES

Fuse blocks

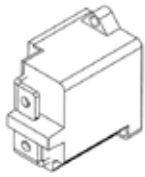


1SC250

| Catalog number | Item number | Rated DC voltage | Application DC Fuses | Contact Materials | Tightening torque (max.) | Weight |
|-------------------------------------|-------------|------------------|--|-------------------|--------------------------|---------|
| P243 Fuse blocks | | | | | | |
| P243D | P243D | 1000 V | MF-A fuses from 70 to 450A | Tin-Plated Copper | 4.1 N-m | 0.12 kg |
| 1SC/IMSC Modular Fuse blocks | | | | | | |
| 1SCM8 | 1SCM8 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.8 N-m | 68 g |
| 1SC250 | 1SC250 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 400A | Zinc-Plated Steel | 6.9 N-m | 68 g |
| 1SC375 | 1SC375 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.7 N-m | 68 g |
| 1SCM10 | 1SCM10 | 1000 V | MF-A, MEV70A, MEV100A fuses up to 800A | Zinc-Plated Steel | 21.5 N-m | 68 g |

MERSEN reserves the right to change, update or correct, without notice, any information contained in this datasheet.

χp-ST



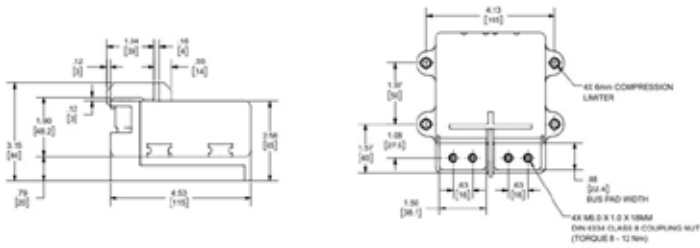
400 A - 500 VDC

| Voltage Range DC | Ampere Range | Operating Temperature Range | L/R Max. | On State Resistance | Off State Resistance | 3000 A Clearing time | 20 000 A Clearing time |
|------------------|--------------|-----------------------------|----------|---------------------|----------------------|----------------------|------------------------|
| Up to 500 VDC | Up to 400 A | -40°C to 90°C | 1ms | 125 μΩ@ 25°C | > 5MΩ | Typ. <300ms | Typ. <2ms |



400 A - 900 VDC

| Voltage Range DC | Ampere Range | Operating Temperature Range | L/R Max. | On State Resistance | Off State Resistance | 3000 A Clearing time | 25 000 A Clearing time |
|------------------|--------------|-----------------------------|----------|---------------------|----------------------|----------------------|------------------------|
| Up to 900 VDC | Up to 400 A | -40°C to 90°C | 1ms | 170 μΩ@ 25°C | > 5MΩ | Typ. <1s | Typ. <4ms |



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WELCOME TO THE NEW

Guide to features and functions

NAVIGATION BAR: PRODUCTS



- **Multiple ways to navigate to Products**

- **Data comes directly from the PIM**

- The most accurate product data

- **Categories include:**

- UL/CSA Fuses, Fuse Holders, PDBs
- IEC Fuses and Fusegear
- High Speed Fuses
- DC Protection for EV/Battery
- Surge Protection
- High and Medium Fuses/Bases
- Low Voltage Switches

- **Engineering-Style pages encourage people to contact an expert**

- Configured Panels
- Bus Bars
- Cooling Solutions
- Power Transfer for Rail Vehicles
- Capacitors

SEARCHING FOR A PRODUCT

- **“Products” drop-down in navigation bar**

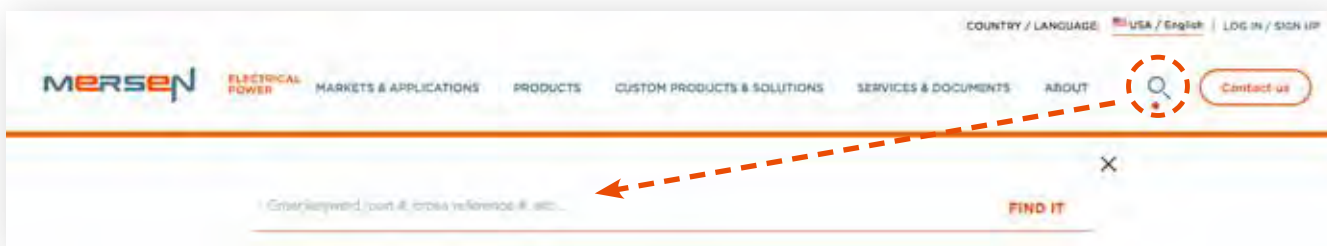
- **Product Selector Tool**

- Access via home page and via Product section
- Choose “Which Product,” and Product Selector Tool adapts selections within that product category (ie Fuses > Voltage, Surge > Surge Capacity, etc.)



- **Search Button**

- Available on any page, located in the navigation bar
- Enter keyword, part #, cross reference #, etc.





PRODUCT PAGES - DETAILS

- **Product Series** pages include data that is shared by all products in the series

- **Individual product** pages include data that is specific to that product (inc. photo if available)

Block identifies Product Series page

Access datasheet from series or individual product page

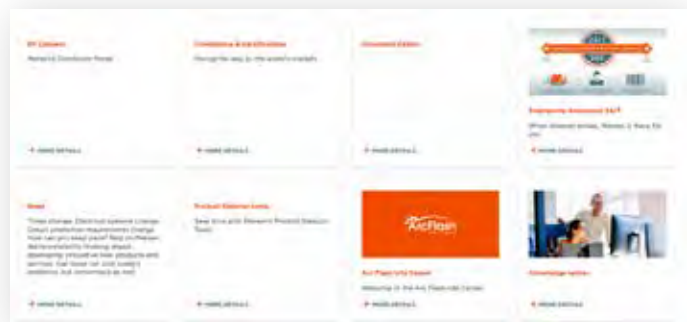
Click "See Product" to go to individual product page

NAVIGATION BAR: SERVICES & DOCUMENTS



For access to:

- EP Connect
- Compliance & Certifications
- Document Center
Use filter to locate brochures, etc.
- Emergency Assistance 24/7
Information during natural disasters
- News
- Product Selector Tools
Select-A-Fuse, R-Tools
- Arc Flash Info Center
- Knowledge Center
Training Modules, PowerPoints, PIQs





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