

MERSEN HAS THE DC FUSE SOLUTION FOR YOUR DC APPLICATIONS

PROTECT PEOPLE & EQUIPMENT WITH MERSEN MDC & DQS SERIES DC FUSES

MDC DC Distribution Fuse Series

- MDC fuses are full-range fuses capable of safely interrupting currents ranging from 200% of nameplate current rating up to their maximum interrupting rating.
- MDC fuses can be used to protect the branch which includes the DC cabling and bus, along with any specific pieces of equipment.
- Applications include DC auxiliary circuits, electrical energy storage (EES), battery module protection, EV charging, critical power, and UPS.

DQS DC High-Speed Fuse Series

- DQS fuses are intended for backup protection only, for specific pieces equipment such as but not limited to AC/DC inverters, converters, sensitive semiconductor components, etc.
- DQS fuses are designed to operate much faster and at higher current levels than MDC fuses while providing a lower clearing I^2t .
- Applications include high power battery charging and management systems, Energy Storage Systems (ESS), Electrical Energy Storage (EES), Battery Disconnect Unit (BDU), Battery packs, DC Fast-Charging stations for EV applications, backup protection for DC relays/disconnectors/switches and inverters (1000VDC or less).



MDC

DC BRANCH PROTECTION FOR
CABLING AND BUS



DQS

BACKUP PROTECTION FOR INVERTERS AND
OTHER SENSITIVE SEMICONDUCTOR DEVICES

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