

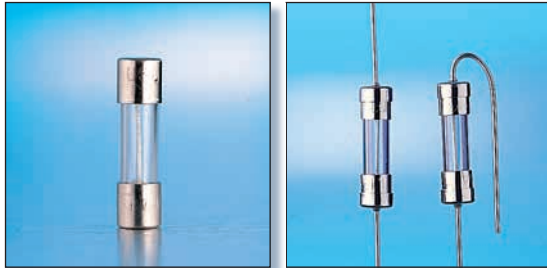
# Type USL/USL-A UTE/UTE-A



5Ø X 20 mm  
Time-Lag Low Breaking Capacity

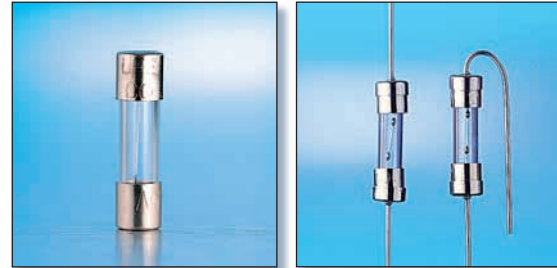
USL

USL-A



UTE

UTE-A



## Approvals

### USL

SEMKO 63mA ~ 400mA  
VDE 63mA ~ 400mA  
BSI 63mA ~ 400mA  
UL Recognized 63mA ~ 400mA  
CSA Acceptance 63mA ~ 400mA  
CCC 63mA ~ 400mA  
KTL 63mA ~ 400mA

### USL-A

VDE 63mA ~ 400mA  
UL Recognized 63mA ~ 400mA  
CSA Acceptance 63mA ~ 400mA  
KTL 63mA ~ 400mA

### UTE

SEMKO 500mA ~ 6.3A  
VDE 500mA ~ 10A  
BSI 500mA ~ 6.3A  
UL Recognized 500mA ~ 10A  
CSA Acceptance 500mA ~ 10A  
CCC 500mA ~ 6.3A  
KTL 500mA ~ 6.3A  
CQC 8 ~ 10A  
PSE 1 ~ 5A

### UTE-A

VDE 500mA ~ 10A  
UL Recognized 500mA ~ 10A  
CSA Acceptance 500mA ~ 10A  
KTL 500mA ~ 6.3A  
CQC 8 ~ 10A

## Electrical Characteristics

Rated Current	1.5In		2.1In		2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
63 mA ~ 100 mA	60 min	2 min	200 ms	10 sec	40 ms	3 sec	10 ms	300 ms		
125 mA ~ 6.3A	60 min	2 min	600 ms	10 sec	150 ms	3 sec	20 ms	300 ms		
8A ~ 10A	30 min	2 min	600 ms	10 sec	150 ms	3 sec	20 ms	300 ms		

## Interrupting Ratings

35 amperes or 10 In rated current; whichever is greater.  
At 250V AC

## Physical Specification

### Materials

Glass body / Nickel Plated Brass Caps

### Lead Wire:

Tin-lead plated Copper, Diameter Ø0.8mm.

### Packaging

#### In Bulk:

USL - 1, 000 pcs ; USL-A - 500 pcs per box  
UTE - 1, 000 pcs ; UTE-A - 500 pcs per box

Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Voltage Drop (mv)MAX	Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec
USL .063	USL-A .063	63 mA	250V	19.00	1900	0.0108
USL .080	USL-A .080	80 mA		14.00	1850	0.0244
USL .100	USL-A .100	100 mA		7.47	1800	0.0520
USL .125	USL-A .125	125 mA		11.00	1800	0.0910
USL .160	USL-A .160	160 mA		7.66	1700	0.1000
USL .200	USL-A .200	200 mA		3.70	1500	0.2424
USL .250	USL-A .250	250 mA		2.96	1300	0.5450
USL .315	USL-A .315	315 mA		1.84	1000	1.1330
USL .400	USL-A .400	400 mA		1.32	900	1.5380
UTE .500	UTE-A .500	500 mA		0.3090	300	0.5250
UTE .630	UTE-A .630	630 mA		0.2140	250	1.1510
UTE .800	UTE-A .800	800 mA		0.1460	230	2.2400
UTE 001	UTE-A 001	1 A		0.1080	150	2.4000
UTE 1.25	UTE-A 1.25	1.25 A		0.0780	140	7.5000
UTE 1.60	UTE-A 1.60	1.6 A		0.0410	130	6.1440
UTE 002	UTE-A 002	2 A		0.0320	120	8.8000
UTE 2.50	UTE-A 2.50	2.5 A		0.0240	110	15.000
UTE 3.15	UTE-A 3.15	3.15 A		0.0180	100	29.760
UTE 004	UTE-A 004	4 A		0.0130	100	56.000
UTE 005	UTE-A 005	5 A		0.0100	100	70.000
UTE 6.30	UTE-A 6.30	6.3 A	0.0082	100	198.40	
UTE 008	UTE-A 008	8 A	0.0064	100	345.60	
UTE 010	UTE-A 010	10 A	0.0046	100	1100.0	

## Operating Temperature

-55°C to +125°C

## Mechanical Dimensions

