



CONQUER

Electronic Fuses

Type **USL/USL-A**
UTE/UTE-A

5ØX20mm



Time-Lag Low Breaking Capacity

USL

USL-A



UTE

UTE-A



Approvals

USL

SEMKO	63mA~400mA
VDE	63mA~400mA
BSI	63mA~400mA
IMQ	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
CCC	63mA~400mA
KTL	63mA~400mA

UTE

SEMKO	500mA~6.3A
VDE	500mA~10A
BSI	500mA~6.3A
IMQ	500mA~6.3A
UL Recognized	500mA~10A
CSA Acceptance	500mA~10A
MITI	1A~5A
CCC	500mA~10A
KTL	500mA~6.3A

UTE-A

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

Electrical Characteristics

Rated Current	1.5In		2.1In		2.75In		4In		10In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
50mA~100mA	60	2	200	10	40	3	10	300		
	min	min	ms	sec	ms	sec	ms	ms		
125mA~6.3A	60	2	600	10	150	3	20	300		
	min	min	ms	sec	ms	sec	ms	ms		
8A~10A	30	2	600	10	150	3	20	300		
	min	min	ms	sec	ms	sec	ms	ms		

Interrupting Ratings

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

Operating Temperature

-55°C to +125°C

Cartridge Catalog Number	Axial Lead Catalog Number	Ampere Rating [In]	Voltage Rating (V)	Nominal Resistance Cold Ohms	Voltage Drop (mv)MAX	Nominal Melting I²t A² Sec
USL .050	USL-A .050	50 mA	250V	35.40	2000	0.0075
USL .063	USL-A .063	63 mA		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	

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

Mechanical Dimensions

