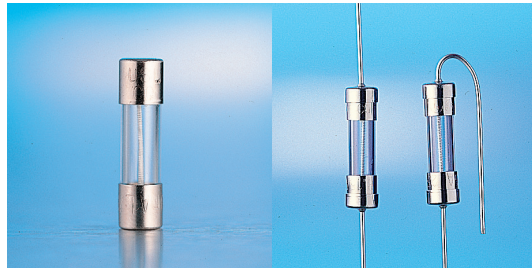


Type **USL/USL-A 5ØX20mm** **RoHS** **Pb**  
**UTE/UTE-A Time-Lag Low Breaking Capacity**

USL

USL-A



UTE

UTE-A



### Approval

#### USL

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

#### UTE

SEMKO	500mA ~10A
VDE	500mA ~10A
BSI	500mA ~6.3A
UL Recognized	500mA ~10A
CSA Acceptance	500mA ~10A
PSE	1A~15A
KTL	500mA~6.3A
CCC	500mA~6.3A
CQC	8A / 10A
TUV	11A~15A

Recognized Component for Canada and U.S. 11A~16A

#### USL-A

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

#### UTE-A

SEMKO	500mA~10A
VDE	500mA ~10A
UL Recognized	500mA ~10A
CSA Acceptance	500mA ~10A
PSE	1A~15A
KTL	500mA~6.3A
CQC	8A / 10A
TUV	11A~15A
Recognized Component for Canada and U.S. 11A~16A	

### Electrical Characteristic

(IEC-60127-2 STANDARD SHEET3)

Rated Current	1.5 In		2.1 In		2.75 In		4 In		10 In	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
63mA~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~16A	30	2	600	10	150	3	20	300		
	min	min	ms	sec	ms	sec	ms	ms		

### Interrupting Rating

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

### Operating Temperature

-55°C to +125°C

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/USL-A .063	63mA	250V	12.960	3000	0.0108
USL/USL-A .080	80mA		8.8800	3000	0.0244
USL/USL-A .100	100mA		6.8600	2500	0.0520
USL/USL-A .125	125mA		3.4100	2000	0.0910
USL/USL-A .160	160mA		2.8600	1900	0.1000
USL/USL-A .200	200mA		1.9900	1500	0.2424
USL/USL-A .250	250mA		1.2876	1300	0.5450
USL/USL-A .315	315mA		0.8212	1100	1.1330
USL/USL-A .400	400mA		0.5019	1000	1.5380
UTE/UTE-A .500	500mA		0.1989	900	0.7740
UTE/UTE-A .630	630mA		0.1403	300	1.1510
UTE/UTE-A .800	800mA		0.1089	250	2.3850
UTE/UTE-A 001	1A		0.0776	150	4.5000
UTE/UTE-A 1.25	1.25A		0.0566	150	10.809
UTE/UTE-A 1.60	1.6A		0.0438	150	17.118
UTE/UTE-A 002	2A		0.0349	150	29.088
UTE/UTE-A 2.50	2.5A		0.0241	120	49.905
UTE/UTE-A 3.15	3.15A		0.0187	100	74.304
UTE/UTE-A 004	4A		0.0145	100	140.01
UTE/UTE-A 005	5A		0.0107	100	159.29
UTE/UTE-A 6.30	6.3A		0.0083	100	178.56
UTE/UTE-A 008	8A		0.0059	100	264.96
UTE/UTE-A 010	10A		0.0043	100	552.60
UTE/UTE-A 011	11A		0.0040	100	666.00
UTE/UTE-A 12.5	12.5A	0.0035	100	793.80	
UTE/UTE-A 015	15A	0.0027	100	1121.0	
UTE/UTE-A 016	16A	0.0026	100	1365.4	

### Physical Specification

#### Material

Glass body / Nickel Plated Brass Caps  
 Lead Wire:  
 Diameter Ø0.8mm 12A and less.  
 Diameter Ø1.0mm for rating above 12.1A

#### 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

