

Subminiature Fuse, 8.5 mm, Time-Lag T, Telecom, 250 VAC, 63 VDC



IEC 60127-3 · 250VAC · Time-Lag T

See below:

[Approvals and Compliances](#)**Applications**

- xDSL and ADSL linecards and modems

**References**[Packaging Details](#)


Corresponding Fuseholder

Last order date: 31.12.2016

We recommend for new applications the type [MST 250](#)

MST 250 is fully compatible to MSU 250

**Weblinks**[pdf data sheet](#), [html datasheet](#), [General Product Information](#), [Packaging details](#), [Distributor-Stock-Check](#), [Detailed request for product](#)**Technical Data**

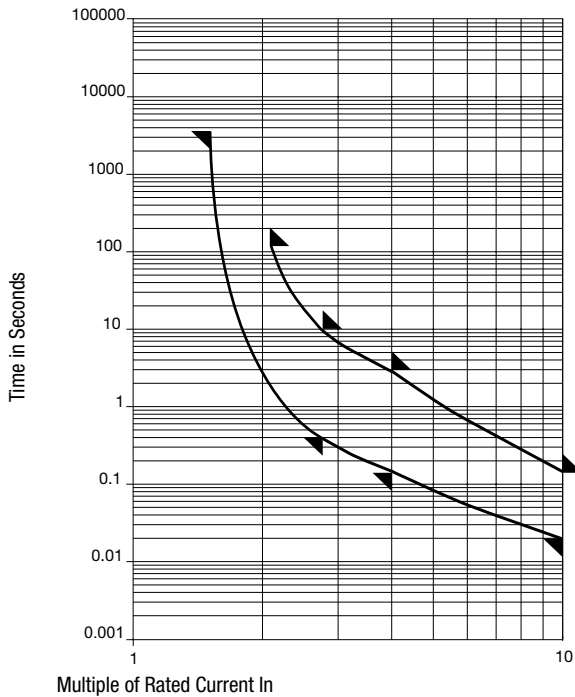
Rated Voltage	250VAC, 63 VDC	Soldering Methods	Wave <a href="#">Soldering Profile</a>
Rated current	0.25 - 3.15A	Solderability	235 °C / 2 sec acc. to IEC 60068-2-20, Test Ta
Breaking Capacity	35A - 50A	Resistance to Soldering Heat	260 °C / 10 sec acc. to IEC 60068-2-20, Test Tb
Characteristic	Time-Lag T	Case Resistance	acc. to EIA/IS-722, Test 4.7 (between leads and body)
Mounting	PCB, THT	Flammability	UL 94V-0 (acc. to EIA/IS-722, Test 4.12)
Admissible Ambient Air Temp.	-40 °C to 85 °C	Current Carrying Capacity	acc. to EIA/IS-722, Test 4.3.3
Climatic Category	40/085/21 acc. to IEC 60068-1	Moisture Resistance Test	(acc. to EIA/IS-722, Test 4.4.3)
Material: Housing	Thermoplastic, UL 94V-0	Vibration, High Frequency	MIL-STD-202, Method 204 Condition D
Material: Terminals	Tin-Plated Copper	Mechanical Shock	(acc. to EIA/IS-722, Test 4.9)
Unit Weight	0.53 g	Resistance to Solvents	MIL-STD-202, Method 215
Storage Conditions	0 °C to 40 °C, max. 70% r.h.	Terminal Strength	Tensile load min. 9 N (acc. to EIA/IS-722, Test 4.5.1)
Product Marking	 , Type, Rated current, Rated Voltage, Characteristic, Certification marks		

**Approvals and Compliances**Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

SCHURTER products are designed for use in industrial environments. They have approvals from independent testing bodies according to national and international standards. Products with specific characteristics and requirements such as required in the automotive sector according to IATF 16949, medical technology according to ISO 13485 or in the aerospace industry can be offered exclusively with customer-specific, individual agreements by SCHURTER.



Time-Current-Curves



All Variants

Rated Current [A]	Rated Voltage [VAC]	Voltage Drop 1.0 I <sub>n</sub> typ. [mV]	Power Dissipation 1.5 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 I <sub>n</sub> typ. [A <sup>2</sup> s]	GR-1089-CORE [A]	UL60950	ITU - Lightning Surge[A]	ITU - Power Induc.	ITU - Power Contact[A]	S	L	T	Order Number
0.25	250	120	80	0.6	> 14.0		25.3	●	35.0	●			2040.0609
0.315	250	120	100	0.8	> 14.0		29.2	●	35.0	●			2040.0610
0.4	250	110	100	1.1	> 14.0		39.5	●	35.0	●			2040.0611
0.5	250	100	100	2.5	> 14.0		57	●	35.0	●			2040.0612
0.63	250	90	100	4	> 14.0		67	●	35.0	●			2040.0613
0.8	250	80	200	8	> 14.0	●	67	●	35.0	●			2040.0614
1	250	70	200	12	> 14.0	●	67	●	35.0	●			2040.0615
1.25	250	70	300	15	> 14.0	●	67	●	35.0	●			2040.0616
1.6	250	60	300	30	> 14.0	●	67	●	50.0	●			2040.0617
2	250	60	300	34	> 14.0	●	67	●	50.0	●			2040.0618
2.5	250	50	400	55	> 14.0	●	67	●	50.0	●			2040.0619
3.15	250	50	500	76	> 14.0	●	67	●	50.0	●			2040.0620
0.25	250	120	80	0.6	> 14.0		25.3	●	35.0	●			2040.0709
0.315	250	120	100	0.8	> 14.0		29.2	●	35.0	●			2040.0710
0.4	250	110	100	1.1	> 14.0		39.5	●	35.0	●			2040.0711
0.5	250	100	100	2.5	> 14.0		57	●	35.0	●			2040.0712
0.63	250	90	100	4	> 14.0		67	●	35.0	●			2040.0713
0.8	250	80	200	8	> 14.0	●	67	●	35.0	●			2040.0714
1	250	70	200	12	> 14.0	●	67	●	35.0	●			2040.0715
1.25	250	70	300	15	> 14.0	●	67	●	35.0	●			2040.0716
1.6	250	60	300	30	> 14.0	●	67	●	50.0	●			2040.0717
2	250	60	300	34	> 14.0	●	67	●	50.0	●			2040.0718
2.5	250	50	400	55	> 14.0	●	67	●	50.0	●			2040.0719
3.15	250	50	500	76	> 14.0	●	67	●	50.0	●			2040.0720
0.25	250	120	80	0.6	> 14.0		25.3	●	35.0		●		2040.0809
0.315	250	120	100	0.8	> 14.0		29.2	●	35.0		●		2040.0810
0.4	250	110	100	1.1	> 14.0		39.5	●	35.0		●		2040.0811

Rated Current [A]	Rated Voltage [VAC]	Voltage Drop 1.0 I <sub>n</sub> typ. [mV]	Power Dissipation 1.5 I <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 10.0 I <sub>n</sub> typ. [A <sup>2</sup> s]	GR-1089-CORE [A]	UL60950	ITU - Lightning Surge[A]	ITU - Power Induc-	ITU - Power Contact[A]	S	L	T	Order Number
0.5	250	100	100	2.5	> 14.0		57	●	35.0			●	2040.0812
0.63	250	90	100	4	> 14.0		67	●	35.0			●	2040.0813
0.8	250	80	200	8	> 14.0	●	67	●	35.0			●	2040.0814
1	250	70	200	12	> 14.0	●	67	●	35.0			●	2040.0815
1.25	250	70	300	15	> 14.0	●	67	●	35.0			●	2040.0816
1.6	250	60	300	30	> 14.0	●	67	●	50.0			●	2040.0817
2	250	60	300	34	> 14.0	●	67	●	50.0			●	2040.0818
2.5	250	50	400	55	> 14.0	●	67	●	50.0			●	2040.0819
3.15	250	50	500	76	> 14.0	●	67	●	50.0			●	2040.0820

Availability for all products can be searched real-time:<https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

IEC: 35 A @ 250 VAC

UL: 35 A @ 250 VAC / 50 A @ 63 VDC

#### Packaging Unit

S = Plastic Bag (100 pcs.)  
L = Bulk (100 pcs.)  
T = Taped 36 cm Reel (750 pcs.)

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