SCHURTER ELECTRONIC COMPONENTS

Product overview fuses

	Type	Size [mm]	Current rage 0 7.5 15 A	Max. AC breaking capacity	Max. DC breaking capacity	Characteristic: Super-Quick-Acting FF	Characteristic: Quick-Acting F	Characteristic: Medium-Time-Lag M	Characteristic: Time-Lag T	Characteristic: Super-Time-Lag TT	Approvals Europe: VDE	Approvals Europe: VDE ÜG	Approvals Europe: NF	Approvals Americas: cULus	Approvals Americas: cURus	Approvals Americas: UL	Approvals Americas: UR	Approvals Americas: CSA	Approvals Asia: PSE	Approvals Asia: CCC	Approvals Asia: CQC	Approvals Asia: KC	Qualifications: ESA ESCC	Qualifications: AEC-Q200	Qualifications: EIA/IS-722
SMD fuses																									
new	**UHP** High breaking capacity	11.4 x 10.2	50 - 100 A		2 kA @ 80 V 3 kA @ 63 V		•								•									•	
new	**UHS** High current range	9.4 x 8.4	50 - 100 A		600 A @ 50 V 1 kA @ 32 V 2 kA @ 16 V		•								•									•	
new	**UMT-H** High breaking capacity	5.3 x 15.4	0.16 - 50 A	1.5 kA @ 277 V	1.5 kA @ 250 V				•		•				•						•			•	
new	**UMT-W** High breaking capacity	5.3 x 15.4	5 - 20 A	350 A @ 125 V	350 A @ 125 V					•					•										•
	UMT 250 Primary and secondary protection	3 x 10.1	0.08 - 10 A	200 A @ 277 V	35 A @ 250 V 100 A @ 125 V 200 A @ 63 V				•		•				•	•			•		•	•		•	
	UMF 250 Primary and secondary protection	3 x 10.1	0.5 - 15 A	200 A @ 250 V	200 A @ 125 V		•				•				•										•
	UMZ 250 UMT 250 with pre-assembled clip	4.2 x 11.3	0.08 - 4 A	200 A @ 277 V	35 A @ 250 V 100 A @ 125 V 200 A @ 63 V				•			•			•										•
	UMK 250 UMF 250 with pre-assembled clip	4.2 x 11.3	0.5 - 4 A	200 A @ 250 V	200 A @ 125 V		•					•			•										•
	MGA High reliability fuse	1.6 x 3.2	0.2 - 5 A	50 A @ 125 V	300 A @ 125 V	•									•										•
new	**MGA-A** Tin whisker and tin dendrite free	1.6 x 3.2	0.2 - 5 A	50 A @ 125 V	300 A @ 125 V	•									•										•
	MGA-S Aviation and Space Technology	1.6 x 3.2	0.14 - 3.5 A	50 A @ 125 V	300 A @ 125 V	•																	•		
	HCF High reliability fuse	8 x 5	5 - 15 A	200 A @ 125 V	1 kA @ 125 V		•				•				•										•
	HCSF Aviation and Space Technology	8 x 5	5 - 15 A	200 A @ 63 V	1 kA @ 125 V		•																•		
	OMT AC and DC applications	4.6 x 11	0.75 - 5 A	100 A @ 250 V	100 A @ 125 V				•						•										•
	OMF 250 AC and DC applications	4.6 x 11	0.25 - 4 A	100 A @ 250 V	100 A @ 250 V 50 A @ 400 V		•								•										•
	OMT 125 Wide current range	3.1 x 7.4	0.25 - 6.3 A	100 A @ 125 V	100 A @ 125 V				•					•											•
	OMF 125 Wide current range, low rated currents	3.1 x 7.4	0.063 - 10 A	100 A @ 125 V	100 A @ 125 V		•								•										•
	OMF 63 Wide current range, low rated currents	3.1 x 7.4	0.063 - 10 A	50 A @ 63 V	50 A @ 63 V		•								•										•
	OMZ 125 OMT 125 with SMD fuseholder	5.2 x 12	0.25 - 5 A	100 A @ 125 V	100 A @ 125 V				•						•										•

	Type	Size [mm]	Current rage 0 12.5 25 A	Max. AC breaking capacity	Max. DC breaking capacity	Characteristic: Super-Quick-Acting FF	Characteristic: Quick-Acting F	Characteristic: Medium-Time-Lag M	Characteristic: Time-Lag T	Characteristic: Super-Time-Lag TT	Approvals: Europe: VDE	Approvals: Europe: VDE ÜG	Approvals: Europe: NF	Approvals: Americas: cULus	Approvals: Americas: cURus	Approvals: Americas: UL	Approvals: Americas: UR	Approvals: Americas: CSA	Approvals: Asia: PSE	Approvals: Asia: CCC	Approvals: Asia: CQC	Approvals: Asia: KC	Qualifi-cations: ESA ESCC	Qualifi-cations: AEC-Q200	Qualifi-cations: EIA/IS-722
SMD fuses																									
	OMK 125 OMF 125 with SMD fuseholder	5.2 x 12	0.063 - 5 A	100 A @ 125 V	100 A @ 125 V		•				•				•										•
	OMK 63 OMF 63 with SMD fuseholder	5.2 x 12	0.063 - 5 A	50 A @ 63 V	50 A @ 63 V		•								•										•
	172876 High breaking capacity, compact	2 x 7	0.063 - 15 A	300 A @ 125 V	300 A @ 125 V		•								•										•
	MSB Compact	2 x 7	0.75 - 15 A	50 A @ 125 V	50 A @ 125 V				•						•										•
	MKF Square shaped, high breaking capacity	2.5 x 7	0.063 - 15 A	300 A @ 125 V	300 A @ 125 V		•								•										•
	MKT Square shaped, compact	2.5 x 7	2 - 15 A	50 A @ 125 V 150 A @ 65 V	50 A @ 125 V 150 A @ 65 V				•						•										•
	SMD-SPT High breaking capacity	5 x 20	1 - 16 A	1.5 kA @ 250 V 10 kA @ 125 V	1.5 kA @ 300 V				•			•			•					•					•
	SMD-FST Gold-plated fuse caps	5 x 20	0.05 - 20 A	125 A @ 250 V					•			•			•					•	•				•
	SMD-FTT Gold-plated fuse caps	5 x 20	0.16 - 4 A	35 A @ 250 V						•					•										•
Chip fuses																									
	USFF 1206 Low rated currents	1.6 x 3.2	0.05 - 0.25 A	10 A @ 125 V 100 A @ 32 V	100 A @ 63 V	•									•										•
	USF 1206 Fast interruption	1.6 x 3.2	0.375 - 4 A	50 A @ 125 V	50 A @ 125 V	•									•										•
	USI 1206 Acc. IEC standard with VDE approval	1.6 x 3.2	0.5 - 6.3 A	63 A @ 32 V	63 A @ 63 V		•				•				•										•
	UST 1206 High rated currents and melting integrals	1.6 x 3.2	7 - 25 A	100 A @ 32 V	100 A @ 63 V 400 A @ 32 V				•						•										•
	USF 0603 Compact secondary protection	0.8 x 1.6	0.5 - 5 A	50 A @ 63 V	50 A @ 63 V	•									•										•
	USF 0402 Compact secondary protection	0.55 x 1.05	0.25 - 5 A		35 A @ 32 V	•											•	•							•
new	**UAI 1206** Impuls and aging resistant fuse	1.6 x 3.2	5.3 - 7.5 A	100 A @ 32 V	100 A @ 32 V				•															•	
5x20 fuses for equipment																									
	SPT 5x20 High breaking capacity	5 x 20	0.5 - 16 A	1.5 kA @ 250 V 10 kA @ 125 V	1.5 kA @ 300 V				•		•	•			•				•	•		•			•
	SP 5x20 Pigtails optional	5 x 20	0.5 - 16 A	1.5 kA @ 250 V 10 kA @ 125 V			•				•				•				•	•		•			•
	SA 5x20 High breaking capacity	5 x 20	0.6 - 10 A	1.5 kA @ 250 V		•																			•
	FST 5x20 Pigtails optional	5 x 20	0.05 - 20 A	200 A @ 250 V					•		•	•			•				•	•	•				•
	FSF 5x20 Pigtails optional	5 x 20	0.032 - 10 A	100 A @ 250 V			•				•				•				•	•	•				•
	FTT 5x20 Super-Time-Lag TT	5 x 20	0.063 - 4 A	35 A @ 250 V						•					•										•

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5x20 fuses for equipment																									
	FSM Medium-Time-Lag M	5 x 20	0.315 - 10 A	1 kA @ 250 V	1 kA @ 125 V			•																	•
	FSL UL standard, pigtails optional	5 x 20	0.08 - 3 A	100 A @ 250 V 10 kA @ 125 V					•					•											•
	FSK UL standard, pigtails optional	5 x 20	0.05 - 6.3 A	200 A @ 250 V 10 kA @ 125 V			•							•											•
6.3x32 fuses for equipment																									
	SPT 6.3x32 High breaking capacity	6.3 x 32	0.5 - 32 A	1,5 kA @ 250 V 10 kA @ 125 V	20 kA @ 63 V				•						•										•
	SHT 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	0.5 - 32 A	1.5 kA @ 500 V 1.5 kA @ 250 V 10 kA @ 125 V	1.5 kA @ 400 V 20 kA @ 63 V				•						•										•
	SHF 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	0.5 - 32 A	1.5 kA @ 500 V 1.5 kA @ 250 V 10 kA @ 125 V	1.5 kA @ 500 V 20 kA @ 63 V		•								•										•
	SUT 6.3x32 High breaking capacity, pigtails optional	6.3 x 32	12 - 30 A	500 A @ 250 V 10 kA @ 125 V					•						•										•
new	**SUT-H 6.3x32** Slow blow series with high I2T	6.3 x 32	10 - 50 A	500 A @ 250 V 10 kA @ 125 V	500 A @ 100 V					•					•										•
	A12FA 250V Very high breaking capacity	6.3 x 32	0.1 - 20 A	200 kA @ 250 V		•											•								•
	AS12FA 500V Very high breaking capacity	6.3 x 32	0.1 - 12.5 A	150 kA @ 500 V		•											•								•
	AS12FA 660V Very high breaking capacity	6.3 x 32	0.1 - 2 A	30 kA @ 660 V		•											•								•
10.3x38 fuses for equipment																									
	ASO 10.3x38 Solar / PV fuse, gPV characteristic	10.3 x 38	1 - 30 A		20 kA @ 1000 V		•				•					•		•							•
new	**AEO 10.3x38** Different mounting options	10.3 x 38	10 - 50 A		20 kA @ 1000 V		•								•								•	
Subminiatur fuses																									
	MST 250 Slow blow version	8.5 x 8.5	0.05 - 6.3 A	63 A @ 250 V	63 A @ 63 V				•		•	•			•				•	•		•			•
	MSF 250 Quick acting version	8.5 x 8.5	0.04 - 5 A	50 A @ 250 V			•				•				•					•					•
	MXT 250 Version with en-hanced breaking capacity	8.5 x 8.5	0.8 - 10 A	100 A @ 250 V					•		•	•		•	•				•	•	•	•			•
	MSTU 250 cULus version	8.5 x 8.5	0.063 - 10 A	50 A @ 250 V					•					•											•
	MSF 125 Smaller footprint with lower rated voltage	6.4 x 8.8	0.1 - 5 A	100 A @ 125 V	100 A @ 125 V		•								•										•

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Small sized fuses																								
SPT 3.6x10 Wide current range	3.6 x 10	0.1 - 5 A	40 A @ 250 V					•			•			•						•				•
Aero / Mil / Marine - fuses																								
D1 5x20 fuse (GAM T1; NNO)	5 x 20	0.02 - 10 A	60 A @ 220 V 300 A @ 125 V			•																		•
172600 6.3x32 fuse (NNO)	6.3 x 32	2 - 20 A	200 A @ 250 V 10 kA @ 125 V					•								•								•
172322 Miniature fuse (GAM T1)	2.3 x 8	0.063 - 15 A	300 A @ 125 V	300 A @ 125 V		•										•	•							•
172321 Miniature fuse (GAM T1)	2.3 x 8	0.063 - 15 A	300 A @ 125 V	300 A @ 125 V		•																		•
Thermal fuses																								
new **USN 1206** SMD overtem-perature & current protection	1.6 x 3.2	12 A		170 A @ 16 V 80 A @ 32 V		•																	•	
new **RTS** SMD overtem-perature protection	6.6 x 8.8	0 - 100 A		170 A @ 60 V 200 A @ 50 V 400 A @ 24 V																			•	

Information

Product specifications, such as ratings and approvals, may vary by product variant. Detailed and current information of the listed product types and its variants can be found on our website schurter.com/cp.
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