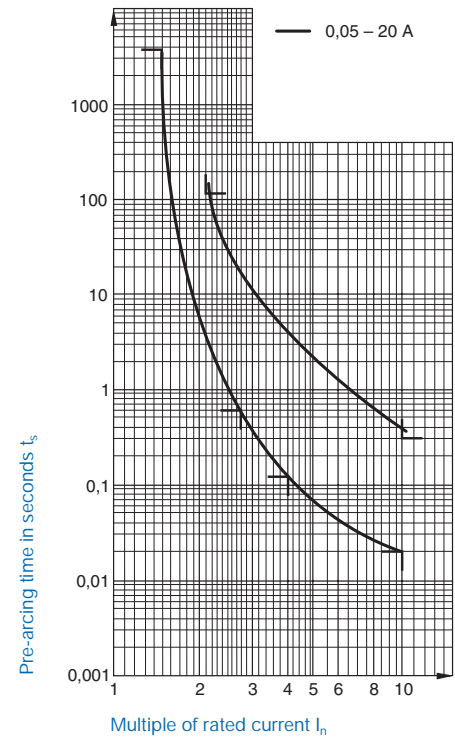
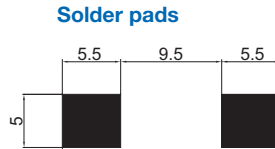
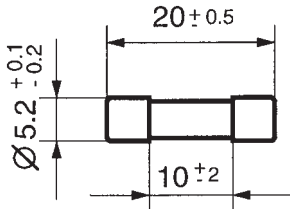


FUSES

Non resettable fuses

Surface Mount Fuses Type SMD-FST 5 × 20

 time-lag T
 low breaking capacity L
 Glass tube

Pre-arcing time/current characteristic (at T_a 23 °C)

Rated current I_n / Nennstrom I_n	$n \cdot I_n$		$1,5 \cdot I_n$		$2,1 \cdot I_n$		$2,75 \cdot I_n$		$4 \cdot I_n$		$10 \cdot I_n$	
	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
0,05 – 0,1 A	60 min	2 min*	300 ms*	10 s*	40 ms	3 s	10 ms	300 ms				
0,125 – 6,3 A	60 min	2 min	600 ms	10 s	150 ms	3 s	20 ms	300 ms				
8 – 10A	30 min	2 min	600 ms	10 s	150 ms	3 s	20 ms	300 ms				
12,5 – 20A	15 min	2 min	600 ms	10 s	150 ms	3 s	20 ms	300 ms				

Order No.	Rated current I_n Rated voltage U_n	Breaking capacity	Voltage drop		Sustained power dissipation		Pre-arcing I^2t at $10xI_n$ A ² s	Approvals	
			at I_n typ. Schurter mV	at I_n max. IEC 60 127-2/3 mV	at $1,5 I_n$ typ. Schurter W	at $1,5 I_n$ max. IEC 60 127-2/3 W		VDE	UL
0034.5604.XX	0,05 A / 250 V	35 A / 250 V AC / p.f. / cos φ = 1	950	3500	0,125	1,6	0,0363	•	•
0034.5605.XX	0,063 A / 250 V		1300	3000	0,2	1,6	0,0401	•	•
0034.5606.XX	0,08 A / 250 V		1100	3000	0,3	1,6	0,0570	•	•
0034.5607.XX	0,1 A / 250 V		565	2500	0,155	1,6	0,107	•	•
0034.5608.XX	0,125 A / 250 V		400	2000	0,2	1,6	0,064	•	•
0034.5609.XX	0,16 A / 250 V		415	1900	0,185	1,6	0,23	•	•
0034.5610.XX	0,2 A / 250 V		270	1500	0,2	1,6	0,256	•	•
0034.5611.XX	0,25 A / 250 V		210	1300	0,2	1,6	0,238	•	•
0034.5612.XX	0,315 A / 250 V		170	1100	0,2	1,6	0,544	•	•
0034.5613.XX	0,4 A / 250 V		150	1000	0,2	1,6	0,768	•	•
0034.5614.XX	0,5 A / 250 V		160	900	0,2	1,6	3,0	•	•
0034.5615.XX	0,63 A / 250 V		160	300	0,2	1,6	4,35	•	•
0034.5616.XX	0,8 A / 250 V		120	250	0,2	1,6	3,85	•	•
0034.5617.XX	1 A / 250 V		60	150	0,2	1,6	3,3	•	•
0034.5618.XX	1,25 A / 250 V		60	150	0,3	1,6	5,5	•	•
0034.5619.XX	1,6 A / 250 V		60	150	0,3	1,6	10,5	•	•
0034.5620.XX	2 A / 250 V		60	150	0,3	1,6	16	•	•
0034.5621.XX	2,5 A / 250 V		60	120	0,4	1,6	21,9	•	•
0034.5622.XX	3,15 A / 250 V		60	100	0,5	1,6	47	•	•
0034.5623.XX	4 A / 250 V		60	100	0,8	1,6	68,3	•	•
0034.5624.XX	5 A / 250 V	60	100	0,9	1,6	102	•	•	
0034.5625.XX	6,3 A / 250 V	60	100	1	1,6	190	•	•	
0034.5626.XX	8 A / 250 V	60	100	1,3	4	275	•	•	
0034.5627.XX	10 A / 250 V	60	100	1,3	4	520	•	•	
0034.5628.XX	12,5 A / 250 V*	60	*	2,5	*	750	•	•	
0034.5629.XX	16 A / 250 V*	60	*	3,3	*	1638	•	•	
0034.5630.XX	20 A / 250 V*	60	*	4,2	*	3057	•	•	

XX Index for packaging

All measurements are carried out in a test equipment according to IEC 60127-2

* Not mentioned in the IEC standard (Pre-arcing time / current characteristics according to IEC)



Additional technical data and packaging see page 66

FUSES



SMD-FST 5 × 20, SMD-FTT 5 × 20, SMD-SPT 5 × 20

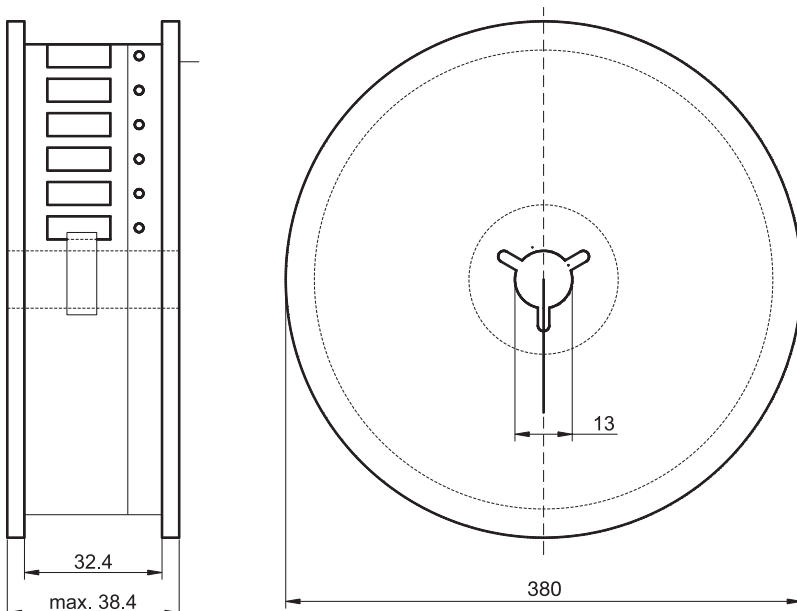
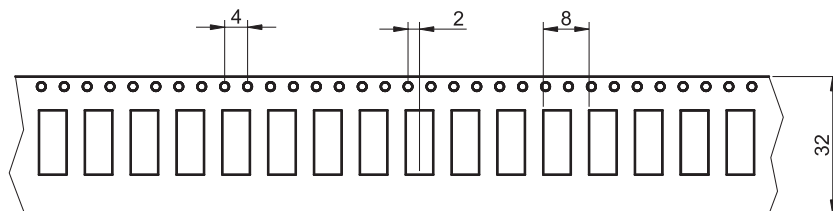
Non resettable fuses

Additional technical Data:

Marking	Rated voltage, rated current, H / L (IEC-Symbol for breaking capacity) FST / SPT:  T (time-lag) FTT:  TT (super-time-lag)
Storage temperature max.:	40 °C / 70% r.H.
Ambient temperature max.:	T _a -40°C to +125°C
Resistance to vibration:	acc. to IEC 60068-2-6, test Fc: Frequency 10–2000 Hz, cross-over frequency 60 Hz < 60 Hz: amplitude 0.75 mm > 60 Hz: acceleration 10g
Resistance to shock:	981 m/s ² (100g), 6 ms, acc. to IEC 60068-2-27, test Ea
Climatic category:	40/125/21 according to ICE 60068-1
Solderability:	Reflow- and Wave soldering 235 °C / 2 sec. acc. to IEC 60068-2-58 test Td
Soldering heat resistance:	260 °C / 10 sec. acc. to IEC 60068-2-58 test Td
Materials:	Housing glass / hard glass Terminals Brass / Ni-Au coated
Net weight pieces %	100 g
Fuse-link temperature	I _n ≤ 10 A: track width ≥ 5 mm / 35 μm Cu
Rise ≤ 75 K	I _n > 10 A: track width ≥ 10 mm / 70 μm Cu

Explanation to the approvals

Country	Authority	Type of authorization	Test norm	Approval
USA / Canada	UL	Recognition	FST / FTT / SPT: according to UL 248.14	
Europe	VDE	Certificate of conformance	FST: IEC 60127-2/3 SPT: IEC 60127-2/5	



Packaging :

	0001.XXXX.XX
11 = Boxes of 100 pieces	
22 = Taped and reeled 2000 pieces	