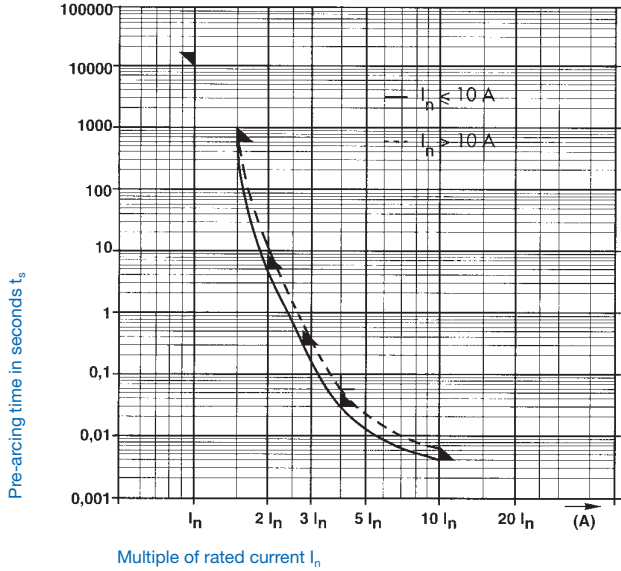
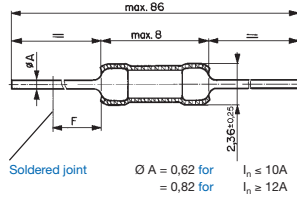
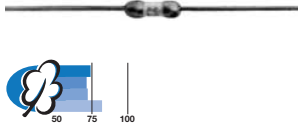


**Subminiature Fuses
Type 172322¹
quick-acting F**



Standards

IEC 60127-3/2; EN 60127-3/2
UL 248-14
CSA C22.2 No. 248.14

Approvals

UL CSA
Lists: GAMT1

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

Rated current I _n	n · I _n					
	1 · I _n *	1,5 · I _n **	2 · I _n	2,75 · I _n	4 · I _n	10 · I _n
	min.	max.	max	max.	max.	max.
≤ 10 A	4 h	600 s	5 s	300 ms	30 ms	4 ms
> 10 A	4 h	600 s	10 s		60 ms	

* Non fusing current I_{nf}
** Only according to UL

Order No.	Rated current I _n Rated voltage U _n	Breaking capacity	Voltage drop		Sustained power dissipation		Pre-arcing t _s		Approvals	
			at I _n max.	mV	at 1 I _n max.	mW	at 10 · I _n	A ² s	UL	CSA GAMT1
7010.7010.XX	1/16 A / 125 V	UL: 1/16 – 10 A: 50 A / 125 V AC p.f. / cos φ 0,95 300 A / 125 V DC 12 A + 15 A: 50 A / 32 V AC p.f. / cos φ 0,95 300 A / 32 V DC CSA: 1/16 – 10 A: 300 A / 125 V AC/DC p.f. / cos φ 0,95 12 A + 15 A: 300 A / 32 V AC/DC p.f. / cos φ 0,95	1050	66	8 · 10 ⁻⁴	•	•			
7010.7020.XX	1/8 A / 125 V		900	115	3,6 · 10 ⁻³	•	•			
7010.7030.XX	1/4 A / 125 V		325	82	9,4 · 10 ⁻³	•	•			
7010.7040.XX	3/8 A / 125 V		245	92	1,9 · 10 ⁻²	•	•			
7010.7050.XX	1/2 A / 125 V		260	130	7 · 10 ⁻²	•	•			
7010.7060.XX	3/4 A / 125 V		245	185	1,8 · 10 ⁻¹	•	•			
7010.7070.XX	1 A / 125 V		210	210	3 · 10 ⁻¹	•	•			
7010.7080.XX	1 1/2 A / 125 V		230	345	3,8 · 10 ⁻¹	•	•			
7010.7090.XX	2 A / 125 V		190	380	1,1	•	•			
7010.7100.XX	2 1/2 A / 125 V		175	440	1,4	•	•			
7010.7110.XX	3 A / 125 V		170	510	2	•	•			
7010.7180.XX	3 1/2 A / 125 V		160	560	2,6	•	•			
7010.7120.XX	4 A / 125 V		180	720	4	•	•			
7010.7130.XX	5 A / 125 V		170	850	6,2	•	•			
7010.7140.XX	7 A / 125 V		135	945	13	•	•			
7010.7150.XX	10 A / 125 V		130	1300	39	•	•			
7010.7160.XX	12 A / 32 V	120	1450	57	•	•				
7010.7170.XX	15 A / 32 V	120	1800	90	•	•				

.XX Packaging index

* Rated currents of IEC

¹ substitute type Minifuse MSA, Order No.: 0034.4807–0034.4886 from SCHURTER AG

FUSES

172322

Non resettable fuses

Subminiature Fuses Type 172322

Additional technical data

Ambient temperature max. T _a		- 55 °C to + 85 °C	
Materials: Insulated tube Insulated shroud Caps Terminals		Ceramic Hot resistant plastic Brass, tin plated Copper, tin-plated	
Solderability and soldering conditions according to IEC 60068-2-20 by thermal shield 1,5 mm thickness			
Soldering method	Soldering temperature	Distance body to soldered joint F	max. soldering time
Wave bath	260 °C	≥ 3 mm	10 s
Soldering iron	350 °C	≥ 6 mm	3,5 s
Net weight %		32 g: I _n ^{1/16} – 10 A 46 g: I _n > 10 A	

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