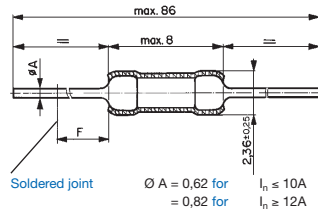
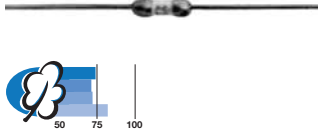


Subminiature Fuses Type 172322¹ quick-acting F



Standards

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

Approvals

UL CSA
Lists: GAMT1

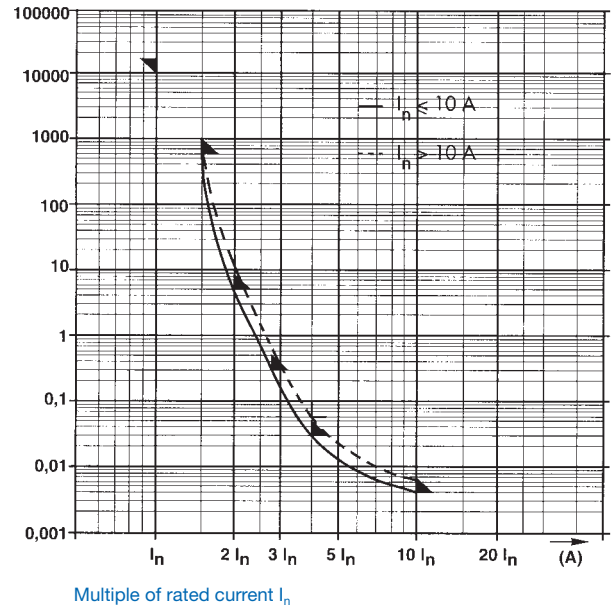
Pre-arcing time/current characteristic (at T_a 23 °C)

$n \cdot I_n$	$1 \cdot I_n^*$	$1,5 \cdot I_n^{**}$	$2 \cdot I_n$	$2,75 \cdot I_n$	$4 \cdot I_n$	$10 \cdot I_n$
Rated current I_n	min.	max.	max.	max.	max.	max.
$\leq 10 \text{ A}$	4 h	600 s	5 s	300 ms	30 ms	4 ms
$> 10 \text{ A}$	4 h	600 s	10 s		60 ms	

* Non fusing current I_{nf}

** Only according to UL

Pre-arcing time in seconds t_p



Order No.	Rated current I_n Rated voltage U_n	Breaking capacity	Voltage drop at I_n max. mV	Sustained power dissipation at $1 I_n$ max. mW	Pre-arcing I^2t at $10 \cdot I_n$ A^2s	Approvals UL CSA GAMT1
7010.7010.XX	$1/16$ A* / 125 V	UL: $1/16 - 10 \text{ A}$: 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	1050	66	$8 \cdot 10^{-4}$	• •
7010.7020.XX	$1/8$ A* / 125 V		900	115	$3,6 \cdot 10^{-3}$	• • •
7010.7030.XX	$1/4$ A* / 125 V		325	82	$9,4 \cdot 10^{-3}$	• • •
7010.7040.XX	$3/8$ A / 125 V		245	92	$1,9 \cdot 10^{-2}$	• • •
7010.7050.XX	$1/2$ A* / 125 V		260	130	$7 \cdot 10^{-2}$	• • •
7010.7060.XX	$3/4$ A / 125 V		245	185	$1,8 \cdot 10^{-1}$	• • •
7010.7070.XX	1 A* / 125 V		210	210	$3 \cdot 10^{-1}$	• • •
7010.7080.XX	$1 1/2$ A / 125 V		230	345	$3,8 \cdot 10^{-1}$	• • •
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	CSA: $1/16 - 10 \text{ A}$: 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	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	• • •

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* Rated currents of IEC

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

FUSES

Non resettable fuses

172322

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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