172581

250/125 VAC/DC · Quick-Acting F

RoHS COMPLIANT

GAM T1 NNO

Describtion
- High Breaking Capacity

References
General Product Information
Time-Current Curves see last page
Corresponding Fuseholder 231529P

Weblinks
Approvals: http://www.schurter.com/approvals
RoHS: http://www.schurter.com/rohs

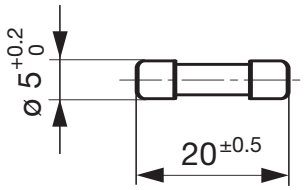
Technical Data

Rated Voltage	250/125 VAC/DC
Rated Current	0.16 - 6.3 A
Breaking Capacity	300 A - 1500 A
Characteristic	Quick-Acting F
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-40 °C to 125 °C
Climatic Category	40/125/56 acc. to IEC 60068-1
Material: Tube	Ceramic
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	1.4 g
Stock Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Current Rating, Voltage Rating

Resistance to Vibration	acc. to NF C 20-706 / IEC 60068-2-6, test Fc
Shocks	acc. to NF C 20-706 / IEC 60068-2-27
Bumps	acc. to NF C 20-729 / IEC 60068-2-29
Salt Mist	acc. to NF C 20-711 / IEC 60068-2-11

Dimensions

Length 5 mm



Pre-Arcing Time

Rated Current In	1.1 x In min.	1.7 x In max.	3.0 x In max.
0.16 A - 6.3 A	60 min	60 min	2 s

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Variants

Order Number	Rated Current [A]	Rated Voltage [V]	Rated Voltage [VDC]	Breaking Capacity	Voltage Drop 1.0 In typ [mV]	Power Dissipation 1.1 In typ [mW]	Melting I²t 10.0 In typ [A²s]	GAM T1	NNO
7020.3800	0.16	250	125	1)	2250	475	0.0023	●	●
7020.3820	0.25	250	125	1)	1650	540	0.087	●	
7020.3840	0.4	250	125	1)	1550	835	0.025	●	
7020.3860	0.63	250	125	1)	730	600	0.039	●	●
7020.3880	1	250	125	1)	555	725	0.15	●	●
7020.3900	1.6	250	125	1)	480	990	0.53	●	●
7020.3920	2.5	250	125	1)	225	690	4.5	●	●
7020.3940	4	250	125	1)	200	990	46	●	●
7020.3960	6.3	220	125	1)	150	1200	67	●	●

1) 1500 A @ 250 VAC / 300 A @ 125 VDC

Packaging Unit Small Box Pack (10 pcs.)

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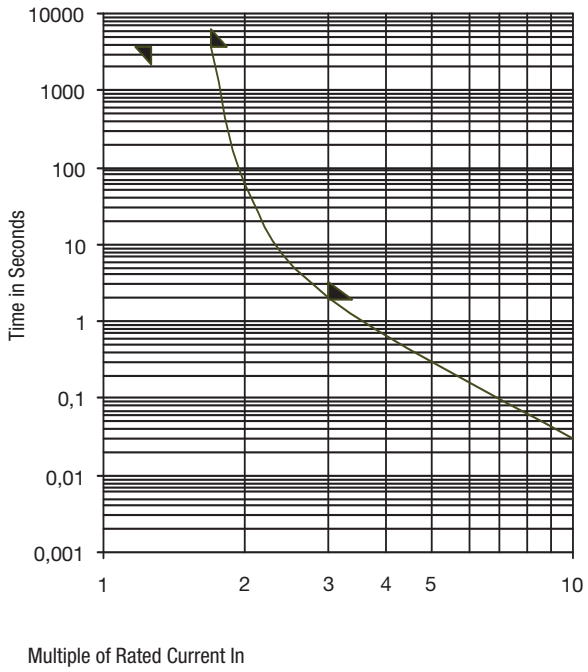
10000
1000
100
10
1
0,1
0,01
0,001
Time in Seconds
1
2
3
4
5
10
Multiple of Rated Current In