D1TD



NF C 93-435 · 220 VAC · Super-Time-Lag TT

GAM T1 NNO

Describtion
- Low Breaking Capacity

Standards
- UL 248-14
- NF C 93-435 - Model HA20
- Qualification Approval Certificate of Quality (CCQ)

Approvals
- UL File Number: E42088

References
General Product Information
Time-Current Curves see last page

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

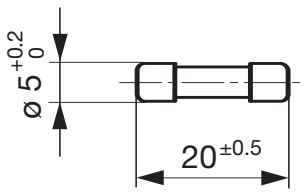
Technical Data

Rated Voltage	32 - 220 VAC
Rated Current	0.031 - 15 A
Breaking Capacity	40 A - 100 A
Characteristic	Super-Time-Lag TT
Mounting	Fuseholder / Clip
Admissible Ambient Air Temp.	-40 °C to 70 °C
Climatic Category	40/070/56 acc. to IEC 60068-1
Material: Tube	Glass
Material: Endcaps	Nickel-Plated Copper Alloy
Unit Weight	1.4 g
Stock Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	Type, HA20, Current Rating, Characteristic

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
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.	1.45 x In max.	1.6 x In max.	3.0 x In min.	3.0 x In max.	5.0 x In min.	5.0 x In max.	10.0 x In min.
0.031 A - 1.25 A	60 min	60 min	-	1 s	60 s	300 ms	10 s	30 ms
1.6 A - 15 A	60 min	-	60 min	1 s	60 s	300 ms	10 s	30 ms

D1TD

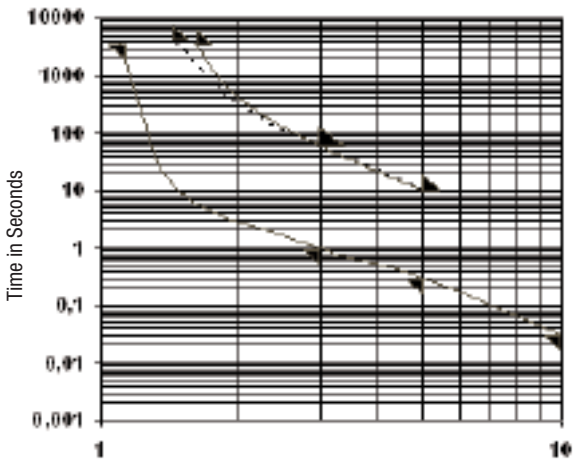
Variants

Order Number	Rated Current [A]	Rated Voltage [V]	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
7030.3110	0.031	220	1)	3850	145	0.079	●			●
7030.3120	0.04	220	1)	3150	155	0.2	●			●
7030.3130	0.05	220	1)	2600	160	0.22	●	●	●	●
7030.3140	0.063	220	1)	2000	155	0.35	●	●	●	●
7030.3150	0.08	220	1)	1850	180	0.26	●	●	●	●
7030.3210	0.1	220	1)	1600	190	0.028	●	●	●	●
7030.3220	0.125	220	1)	2000	300	0.61	●	●	●	●
7030.3230	0.16	220	1)	745	150	0.2	●	●	●	●
7030.3240	0.2	220	1)	715	180	0.39	●	●	●	●
7030.3250	0.25	220	1)	480	150	0.4	●	●	●	●
7030.3260	0.31	220	1)	870	340	0.21	●	●	●	●
7030.3270	0.4	220	1)	665	340	0.64	●	●	●	●
7030.3280	0.5	220	1)	555	360	1	●	●	●	●
7030.3290	0.63	220	1)	460	370	1.6	●	●	●	●
7030.3310	0.8	220	1)	365	370	4.2	●	●	●	●
7030.3320	1	220	1)	295	365	9	●	●	●	●
7030.3330	1.25	220	1)	300	465	7.1	●	●	●	●
7040.3110	1.6	125	2)	280	535	22	●	●	●	●
7040.3120	2	125	2)	245	595	43	●	●	●	●
7040.3130	2.5	125	2)	210	630	128	●	●	●	●
7040.3140	3.15	125	2)	160	615	370	●	●	●	●
7040.3150	4	125	3)	165	790	260	●	●	●	●
7040.3160	5	125	3)	175	1100	440	●	●	●	●
7040.3170	6.3	125	3)	105	775	800	●	●	●	●
7040.3180	8	125	4)	105	1000	1400	●			
7040.3190	10	125	4)	90	1050	2200	●			
7040.3200	12.5	32	5)	55	795	890				
7040.3210	15	32	5)	45	745	3400				

1) NF: 60 A @ 220 VAC , p.f. = 1.0
1) UL: 4000 A @ 125 VAC , p.f. ≥ 0.9 / 4000 A @ 125 VDC , L/R = 5 ms
2) NF: 40 A @ 125 VAC , p.f. = 0.7 - 0.8
2) UL: 100 A @ 125 VAC , p.f. ≥ 0.9
3) NF: 40 A @ 125 VAC , p.f. = 0.7 - 0.8
3) UL: 50 A @ 125 VAC , p.f. ≥ 0.9
4) UL: 50 @ 125 VAC , p.f. ≥ 0.9
5) 100 A @ 32 VAC , p.f. ≥ 0.9

Packaging Unit Small Box Pack (10 pcs.)

D1TD



Multiple of Rated Current In