

Midget Fuse, 10.3 x 38 mm, Fast-acting, 1000 VDC, Photovoltaic

new



Standard version

1000VDC · Quick-Acting F



Description

- UL Recognized for 1000 VDC
- Breaking capacity: 20 kA

Standards

- UL 248-14
- CSA C22.2 no. 248.1

Approvals

- UL File Number: E335001
- CSA File Number: 248899

Applications

- String fuse for photovoltaic systems


References

General Product Information
Corresponding Fuseholder FSO; 231660

Weblinks

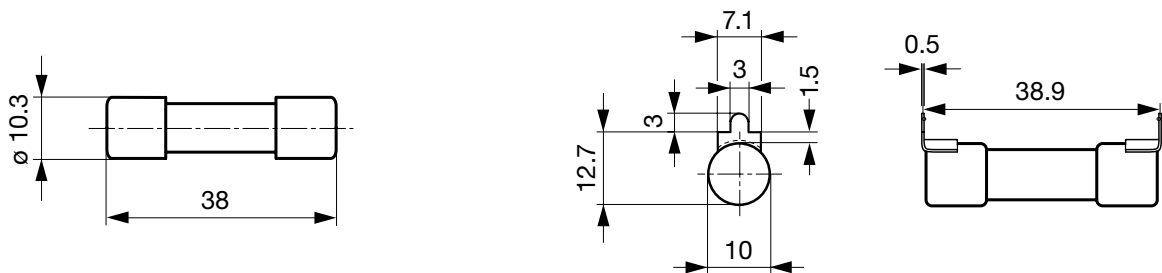
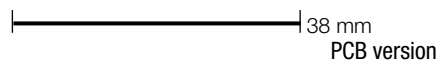
Approvals, RoHS, CHINA-RoHS, SCHURTER-Stock-Check, Distributor-Stock-Check

Technical Data

Rated Voltage	1000VDC
Rated Current	1 - 30A
Breaking Capacity	20kA
Characteristic	Quick-Acting F
Mounting	PCB/Insert
Admissible Ambient Air Temp.	-40 °C to 85 °C
Unit Weight	8.3 g
Storage Conditions	0 °C to 60 °C, max. 70% r.h.
Product Marking	 Type, Current, Voltage, Breaking Capacity, Characteristic

Dimensions


Standard version



Pre-Arcing Time

Rated Current I _n	1.0 x I _n min.	1.35 x I _n max.	2.0 x I _n max.
1 A - 12 A	4 h	-	200 s
15 A - 30 A	4 h	60 min	200 s

Variants

Rated Current [A]	Mounting	Rated Voltage [VDC]	Breaking Capacity	Power Dissipation 1.0 I _n typ. [mW]	Melting I ² t 20 kA typ. [A ² s]		Order Number
1	Insert	1000	1)	778	0.325	● ●	0090.0001
2	Insert	1000	1)	1905	1.012	● ●	0090.0002
3	Insert	1000	1)	2000	10.15	● ●	0090.0003
4	Insert	1000	1)	2200	9.46	● ●	0090.0004
5	Insert	1000	1)	1858	25.2	● ●	0090.0005
6	Insert	1000	1)	1952	46.3	● ●	0090.0006
8	Insert	1000	1)	1790	130	● ●	0090.0008
10	Insert	1000	1)	2580	252	● ●	0090.0010
12	Insert	1000	1)	2896	360	● ●	0090.0012
15	Insert	1000	1)	1914	505	● ●	0090.0015
20	Insert	1000	1)	2516	1313	● ●	0090.0020
25	Insert	1000	1)	2981	2371	● ●	0090.0025
30	Insert	1000	1)	3923	2679	● ●	0090.0030
1	PCB	1000	1)	778	0.325	● ●	0090.1001
2	PCB	1000	1)	1905	1.012	● ●	0090.1002
3	PCB	1000	1)	2000	10.15	● ●	0090.1003
4	PCB	1000	1)	2200	9.46	● ●	0090.1004
5	PCB	1000	1)	1858	25.2	● ●	0090.1005
6	PCB	1000	1)	1952	46.3	● ●	0090.1006
8	PCB	1000	1)	1790	130	● ●	0090.1008
10	PCB	1000	1)	2580	252	● ●	0090.1010
12	PCB	1000	1)	2896	360	● ●	0090.1012
15	PCB	1000	1)	1914	505	● ●	0090.1015
20	PCB	1000	1)	2516	1313	● ●	0090.1020
25	PCB	1000	1)	2981	2371	● ●	0090.1025
30	PCB	1000	1)	3923	2679	● ●	0090.1030

1) 20 kA @ 1000 VDC, L/R < 2ms

Packaging Unit Bulk (10 pcs.)

Time-Current-Curves

