

Midget Fuse, 10.3 x 38 mm, Quick-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**

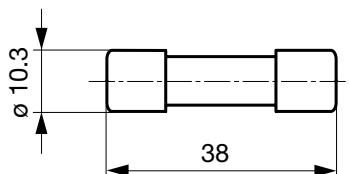
[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

**Technical Data**

Rated Voltage	1000VDC
Rated Current	1 - 30A
Breaking Capacity	20kA
Characteristic	Quick-Acting F
Mounting	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 <sub>n</sub> typ. [mW]	Melting I <sup>2</sup> t 20 kA typ. [A <sup>2</sup> 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) 20 kA @ 1000 VDC, L/R < 2ms

PCB version on request

**Packaging Unit** Bulk (10 pcs.)

## Time-Current-Curves

