

Fuse-Links for Solar Panel Applications

String Protection Fuse-Links 1A to 15A 1000Vdc

PV Fuses



Standards/Approvals:

IEC 60269

Description:

A range of fuse-links in a 10x38 package specifically designed for the protection of photovoltaic strings. The fuse-links are capable of interrupting low overcurrents associated with faulted PV string arrays. (reverse current, multi-array fault)

Packaging:

MOQ: 10
Packaging 100% recyclable

Catalogue Symbol:

PV-(amp rating)A10F
PV-(amp rating)A10-T
PV-(amp rating)A10-1P
PV-(amp rating)A10-2P

Class of Operation:

gR - (PV)

Fuseholders:

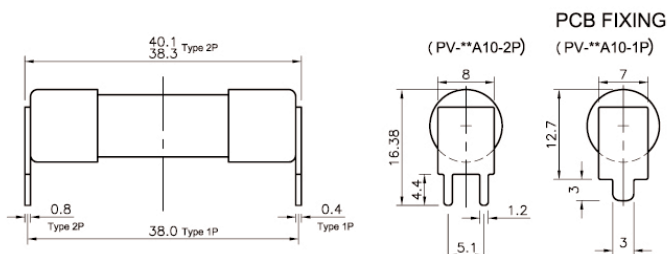
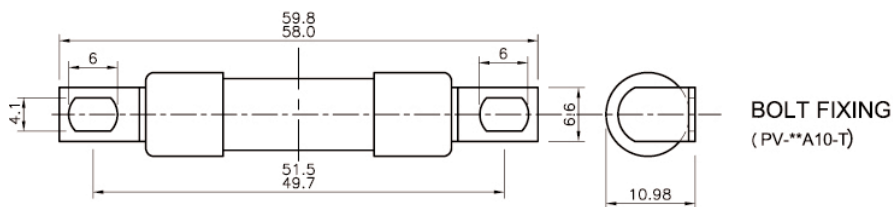
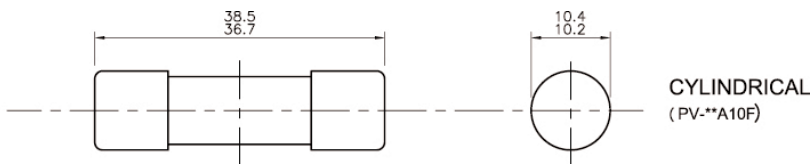
PCB Clip: 1A3400-09
Modular Fuseholder: CHM1D
Fuse Block: BM6031 SQ/PQ/B

Technical Data:

PV fuse-links
Rated voltage: 1000Vdc
Amps: 1A to 6A, 8A, 10A, 12A & 15A
Rated breaking capacity: 33kA ac
Min Interrupting Rating: 1.3 x I_n

PV Fuse Coordination w/: 4", 5" and 6" Solar Cells
Time Constant: Under 1 ms

Fuse Outline



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PV Fuses

Part Number	Current Rating (Amperes)	Energy Integrals (A ² s)		Power Loss (watts)	
		Pre-Arcing	Total at 1000V	0.8 In	In
PV-1A10F	1A	0.15	0.4	0.2	1.5
PV-2A10F	2A	1.2	3.4	0.2	1.0
PV-3A10F	3A	4	11	0.3	1.3
PV-4A10F	4A	9.5	26	0.4	1.3
PV-5A10F	5A	19	50	0.4	1.6
PV-6A10F	6A	30	90	0.4	1.8
PV-8A10F	8A	3	32	1.2	2.1
PV-10A10F	10A	7	70	1.2	2.3
PV-12A10F	12A	12	120	1.5	2.7
PV-15A10F	15A	22	220	1.7	2.9

