

Fuse holders

DC fuse holders for photovoltaic applications.

Accessories

Fuse holders for photovoltaic applications UL Listed / CSA certified



FB01 D... FB01 D 1PL

Order code	Pole arrangement	Status indicator	DIN size	Qty per pkg	Wt
			n°	n°	[kg]

For 10x38mm fuses.
IEC 32A rated current at 1000VDC.

FB01 D 1P	1P	—	1	12	0.064
FB01 D 1PL	1P	YES	1	12	0.065
FB01 D 2P	2P	—	2	6	0.127
FB01 D 2PL	2P	YES	2	6	0.130

NOTE: UL Listed and CSA certified as "Photovoltaic fuseholders" for use with Photovoltaic Fuses. Interrupting rating 30,000 DC Amps. Voltage rating 1000V. Current rating 30A.

Operational characteristics

- IEC rated voltage Ue: 1000VDC
- IEC rated current Ie: 32A
- IEC utilisation category: DC20B 1000VDC
- Suitable for IEC fuse class: gPV
- IEC degree of protection: IP20.

Certifications and compliance

Certifications obtained: UL Listed for USA (UL - File E366062) and CSA certified for Canada (file ref. not available at time of catalogue printing).
Compliant with standards: IEC/EN 60269-1, IEC/EN 60269-2, IEC/EN 60947-1, IEC/EN 60947-3, UL 4248-1, UL4248-18, CSA C22.2 n° 4248-1, CSA C22.2 n° 4248-18.

Fuses for photovoltaic applications



FE01 D...

Order code	Rated current I _n	Qty per pkg	Wt
	[A]	n°	[kg]

For 10x38mm fuses.
IEC 30kA breaking capacity at 1000VDC.

FE01 D 00200	2	10	0.008
FE01 D 00400	4	10	0.008
FE01 D 00600	6	10	0.008
FE01 D 00800	8	10	0.008
FE01 D 01000	10	10	0.008
FE01 D 01200	12	10	0.008
FE01 D 01600	16	10	0.008
FE01 D 02000	20	10	0.008

Operational characteristics

- IEC rated voltage Ue: 1000VDC
- IEC rated current Ie: 2-20A
- IEC fuse class: gPV.

Reference standards

Compliant with standards: IEC/EN 60269-6.

Accessories



FBX 00

FBX 01
FBX 03

FBX 02



P1X 90 33



P1X 92 01

P1X 92 02



P1X 91 33



Order code	Description	Qty per pkg	Wt
	[A]	n°	[kg]
FBX 00	Coupling clip for 10x38, 14x51 and 22x58mm sizes	100	0.003
FBX 01	Coupling pin for 10x38mm size type FB01 A1M, FB01 B1P and FB01 B1PL only	100	0.005
FBX 02	Coupling pin for 14x51 and 22x58mm sizes	100	0.008
FBX 03	Coupling pin for 10x38mm size types FB01 F, FB01 G, FB01 D only	1	0.005

For FB01 F, FB01 A1M, FB01 B and FB01 G types, AC duty.

P1X 90 31	1-phase connection busbar for 57 modules in total, 996mm/39.2" long	10	0.240
P1X 90 33	3-phase connection busbar for 60 modules in total, 1060mm/41.7" long	10	0.474
P1X 91 30	Kit of 5 isolating covers for unused busbar terminals	10	0.030
P1X 91 31	End cap for 1-phase P1X9031 busbar	50	0.001
P1X 91 33	End cap for 3-phase P1X9033 busbar	50	0.001
P1X 92 01	1-pole terminal for busbar supply, 25mm ² max conductor	25	0.011
P1X 92 02	1-pole terminal for busbar supply, 50mm ² max conductor	25	0.022

General and operational characteristics

SUPPLY CONNECTION BUSBARS

- Central point of power supply: 100A max^①
- Side point of power supply: 63A max^①
- Pitch: 18mm/0.7"
- Busbar section: 10mm²
- For paralleling connection
- Length can be cut in shorter sections.

① See technical characteristics under derating factor of FB01 type for operating conditions.

Fuse holder combinations

