

14 x 51 mm Photovoltaic fuse links



Description

Eaton's Bussmann® series of 14 x 51 mm fuse links are specifically designed for protecting an isolating photovoltaic strings. These fuse links are capable of interrupting low overcurrents associated with faulted PV systems (reverse current, multi array fault).



Powering Business Worldwide

Catalogue symbol

- PV-(amp rating)A14F

Fuse size

- 14 x 51 mm

Technical data

- Rated voltage:
 - 1000 V d.c. (25 and 32 A)
 - 1100 V d.c. (15 and 20 A)
- Rated current: 15 to 32 A
- Breaking capacity: 10 kA
- Class of operation: gPV and UL PV fuse links
- PV fuse coordination w/: Thin film cells and 4", 5" and 6" crystalline silicon cells
- Time constant: 1-3 ms
- Minimum interrupting rating:
 - $1.5 \times I_n$ for 15 - 20 A
 - $1.75 \times I_n$ for 25 - 32 A

Standards/Approvals:

- IEC 60269-6
- UL 248-19 (File number E335324)
- RoHS compliant

Fuse holders:

- Without indicator
 - CHPV141U 1-pole
 - CHPV142U 2-pole
- With indicator
 - CHPV141IU 1-pole
 - CHPV142IU 2-pole

Packaging:

- MOQ: 10
- Packaging: 100% recyclable

Dimensions - mm

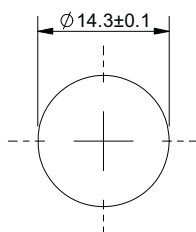
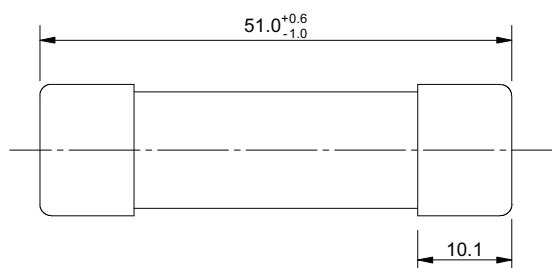
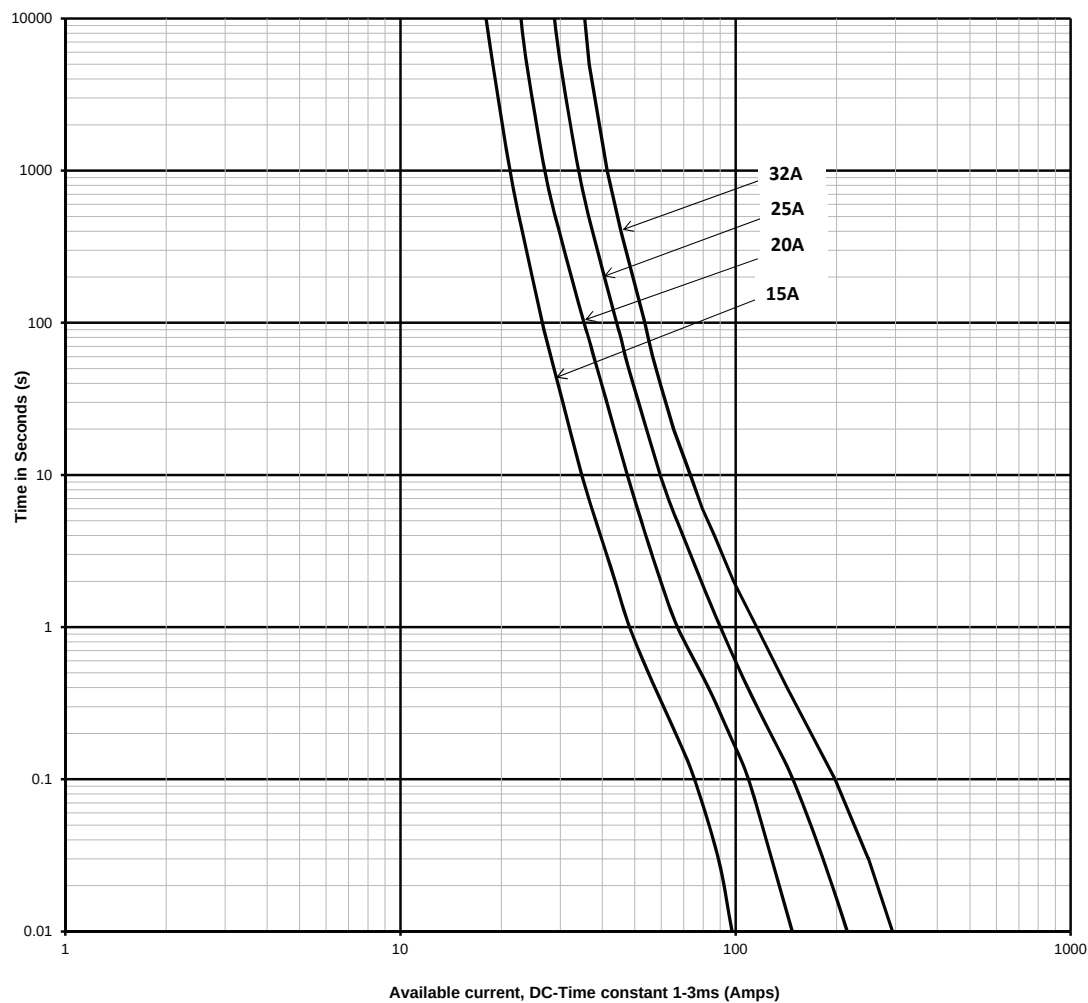


Table 1. Technical data

Catalogue number	Rated current (Amps)	Rated voltage (V d.c.)	Energy integrals I ² t (A ² s)		Watts loss	
			Pre-arcing	Total at rated voltage	0.8 I _n	I _n
PV-15A14F	15	1100	14	265	2.1	4
PV-20A14F	20	1100	27	568	2.7	5
PV-25A14F	25	1000	65	943	2.7	5.1
PV-32A14F	32	1000	120	1740	3.3	6.2

Time-current curve



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