

# Bussmann series 14 x 51 mm Photovoltaic fuse links



## Description

Eaton's Bussmann series range of 14 x 51 mm package fuse links is 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).

**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 x I<sub>n</sub> for 15 - 20 A
  - 1.75 x I<sub>n</sub> for 25 - 32 A

**Standards/Approvals:**

- IEC 60269-6
- UL 2579 (File number E335324)
- RoHS compliant

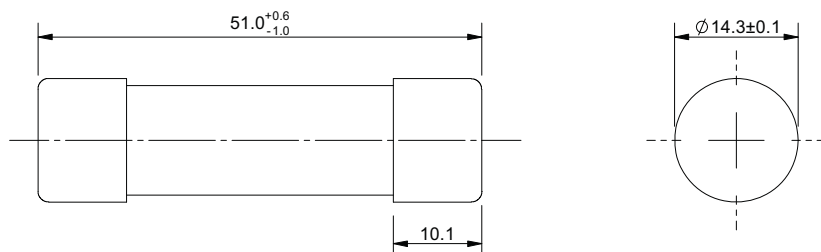
**Fuse holders:**

- CHPV141B
- CHPV141BI

**Packaging:**

- MOQ: 10
- Packaging: 100% recyclable

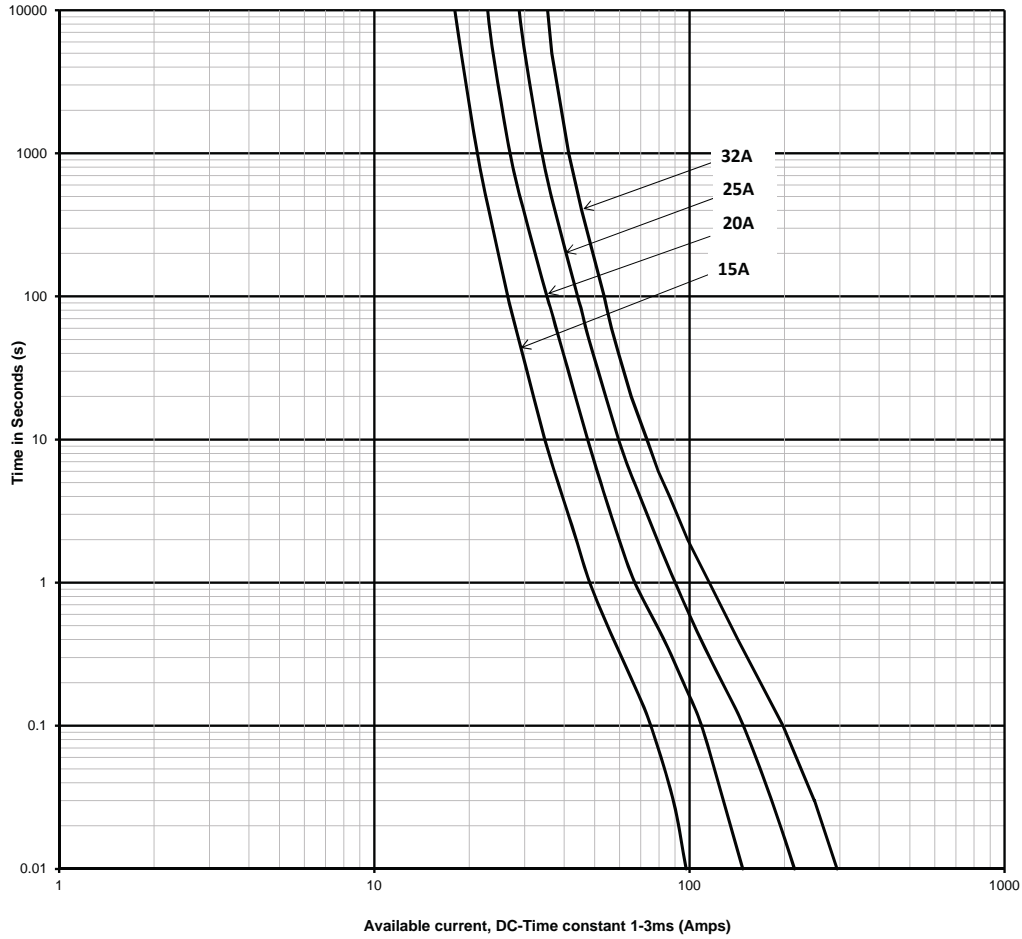
**Dimensions - mm**



**Table 1. Technical data**

Catalogue number	Rated current (Amps)	Rated voltage (V d.c.)	Energy integrals I <sup>2</sup> t (A <sup>2</sup> s)		Watts loss	
			Pre-arcing	Total at rated voltage	08 I <sub>n</sub>	I <sub>n</sub>
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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