

Bussmann series 14 x 65 mm Photovoltaic fuse links



Product description

Eaton's Bussmann series range of 14 x 65 mm fuse links is specifically designed for protecting and isolating photovoltaic strings. These fuse links are capable of interrupting low overcurrents associated with faulted PV systems (reverse current, multi-array fault).

Catalogue symbol

- Cylindrical: PV-(amp rating)A14LF
- Cylindrical with tags: PV-(amp rating)A14L-T
- Cylindrical with 10 mm fixings: PV-(amp rating)A14LF10F

Fuse size

- 14 x 65 mm

Technical data

- Rated voltage:
 - 1300 V d.c. (25 and 32 A)
 - 1500 V d.c. (15 and 20 A)
- Rated current: 15 to 32 A
- Breaking capacity: 10 kA
- Class of operation: gPV
- Minimum interrupting rating: $2 \times I_n$
- PV fuse coordination with thin film cells 4", 5" and 6" crystalline silicon cells
- Time constant: 1-3 ms

Standards/Approvals

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

Packaging

- MOQ: 10

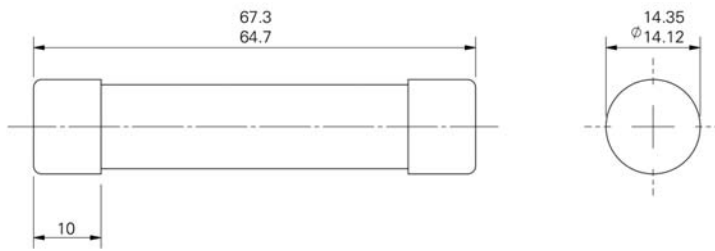
Accessories

- Fuse clips
 - 5592-01 for -LF
 - 5960-07 and 5960-09 for -10F

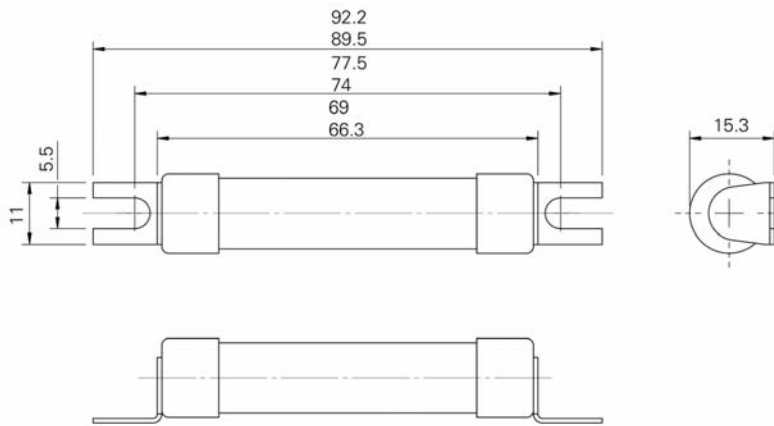
Table 1. Technical data

Catalogue number					Energy integrals I ² t (A ² s)		Watts loss (W)	
Cylindrical	Cylindrical with tags	Cylindrical with 10mm fixings	Rated current (A)	Rated voltage (V d.c.)	Pre-arcing	Total at rated voltage	0.8 I _n	I _n
PV-15A14LF	PV-15A14L-T	PV-15A14LF10F	15	1500	14	160	3.2	5.8
PV-20A14LF	PV-20A14L-T	PV-20A14LF10F	20		34	400	3.6	6.5
PV-25A14LF	PV-25A14L-T	PV-25A14LF10F	25	1300	65	550	4.1	7.5
PV-32A14LF	PV-32A14L-T	PV-32A14LF10F	32		105	900	5.7	10.4

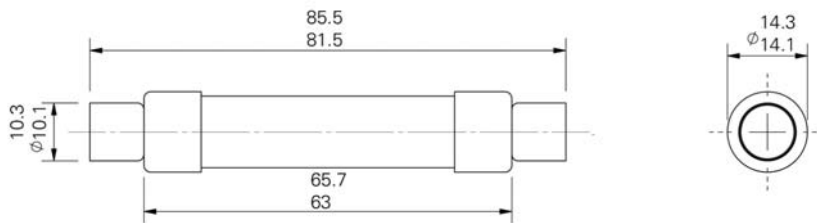
Dimensions - mm



Cylindrical PV-(amp rating)A14LF

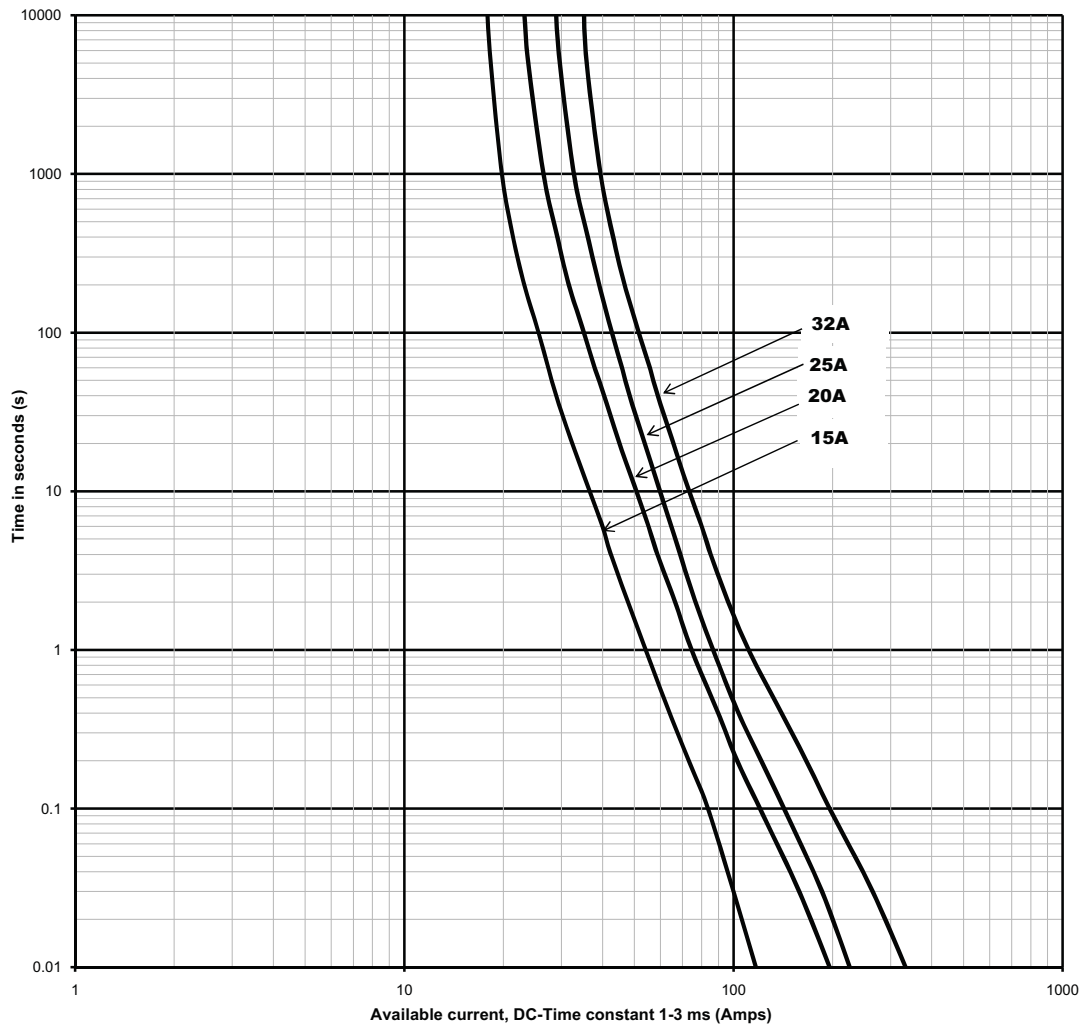


Cylindrical with Tags PV-(amp rating)A14LT



Cylindrical with 10mm Fixings PV-(amp rating)A14LF10F

Time current curve



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