

Bussmann series 14 x 65 mm Photovoltaic fuse links



Cylindrical with 10 mm fixings

Product description

Eaton's Bussmann series 14 x 65 mm fuse links are 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. (see details table 1)
 - 1500 V d.c. (see details table 1)
- Rated current: 2.25 to 32 A (see details table 1)
- 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® Listed 248-19 (File number E335324)
- RoHS compliant

Packaging

- MOQ: 10

Table 1. Technical data

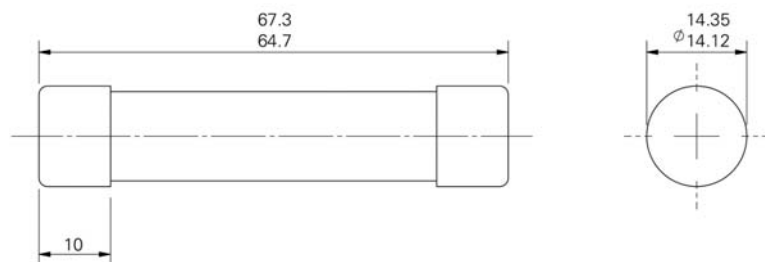
Catalogue number					Energy integrals I ² t (A ² s)		Watts loss (W)	
Cylindrical	Cylindrical with tags	Cylindrical with 10mm fixings	Rated current (A)	Rated voltage (V d.c.)	Pre-arcing	Total at rated voltage	0.8 I _n	I _n
PV-2.25A14LF	N/A	PV-2.25A14LF10F	2.25	1500	4	8	1.4	2.3
PV-2.5A14LF	N/A	PV-2.5A14LF10F	2.5		5	10	1.5	2.5
PV-3A14LF	N/A	PV-3A14LF10F	3		8	14	1.7	2.8
PV-3.5A14LF	N/A	PV-3.5A14LF10F	3.5		12	23	1.8	3
PV-4A14LF	N/A	PV-4A14LF10F	4		18	34	2	3.3
PV-15A14LF	PV-15A14L-T	PV-15A14LF10F	15		14	160	3.2	5.8
N/A	N/A	PV-15A14LF10F-SE*	15	1300	16	190	2.9	5.1
PV-20A14LF	PV-20A14L-T	PV-20A14LF10F	20		34	400	3.8	6.9
PV-25A14LF	PV-25A14L-T	PV-25A14LF10F	25		65	550	4.1	7.5
PV-32A14LF	PV-32A14L-T	PV-32A14LF10F	32		105	900	5.7	10.4

* PV-15A14LF-SE: Low watts loss version, IEC 60269-6 only

Table 2. Compatible fuse holders and fuse clips

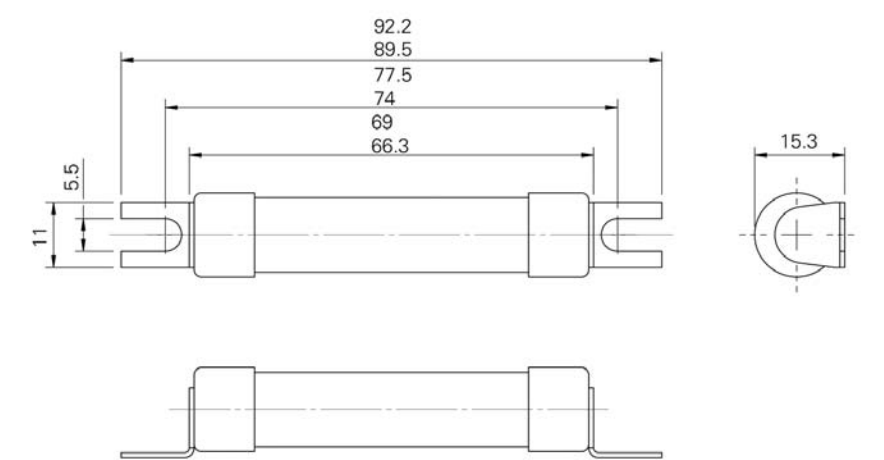
Catalogue number				
Fuse type	Cylindrical	Rated current	Compatible fuse holders	Compatible fuse clips
Cylindrical	PV-2.25A14LF	2.25	N/A	5592-01
	PV-2.5A14LF	2.5	N/A	5592-01
	PV-3A14LF	3	N/A	5592-01
	PV-3.5A14LF	3.5	N/A	5592-01
	PV-4A14LF	4	N/A	5592-01
	PV-15A14LF	15	N/A	5592-01
	PV-20A14LF	20	N/A	5592-01
	PV-25A14LF	25	N/A	5592-01
	PV-32A14LF	32	N/A	5592-01
Cylindrical with tags	PV-15A14L-T	15	N/A	N/A
	PV-20A14L-T	20	N/A	N/A
	PV-25A14L-T	25	N/A	N/A
	PV-32A14L-T	32	N/A	N/A
Cylindrical with 10 mm fixing	PV-2.25A14LF10F	2.25	CHPV15L85	5960-07 and 5960-09
	PV-2.5A14LF10F	2.5	CHPV15L85	5960-07 and 5960-09
	PV-3A14LF10F	3	CHPV15L85	5960-07 and 5960-09
	PV-3.5A14LF10F	3.5	CHPV15L85	5960-07 and 5960-09
	PV-4A14LF10F	4	CHPV15L85	5960-07 and 5960-09
	PV-15A14LF10F	15	CHPV15L85	5960-07 and 5960-09
	PV-15A14LF10F-SE*	15	CHPV15L85	5960-07 and 5960-09
	PV-20A14LF10F	20	CHPV15L85	5960-07 and 5960-09
	PV-25A14LF10F	25	CHPV15L85	5960-07 and 5960-09
	PV-32A14LF10F	32	CHPV15L85	5960-07 and 5960-09

Dimensions - mm

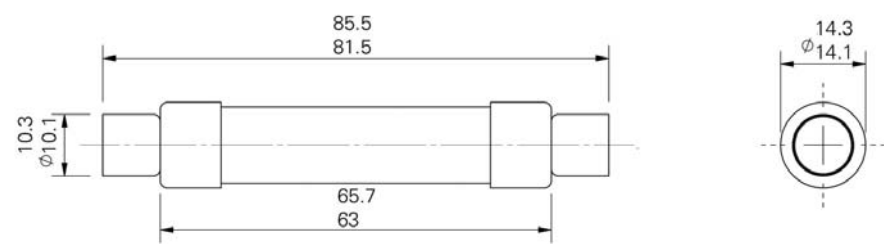


Cylindrical PV-(amp rating)A14LF

Dimensions - mm

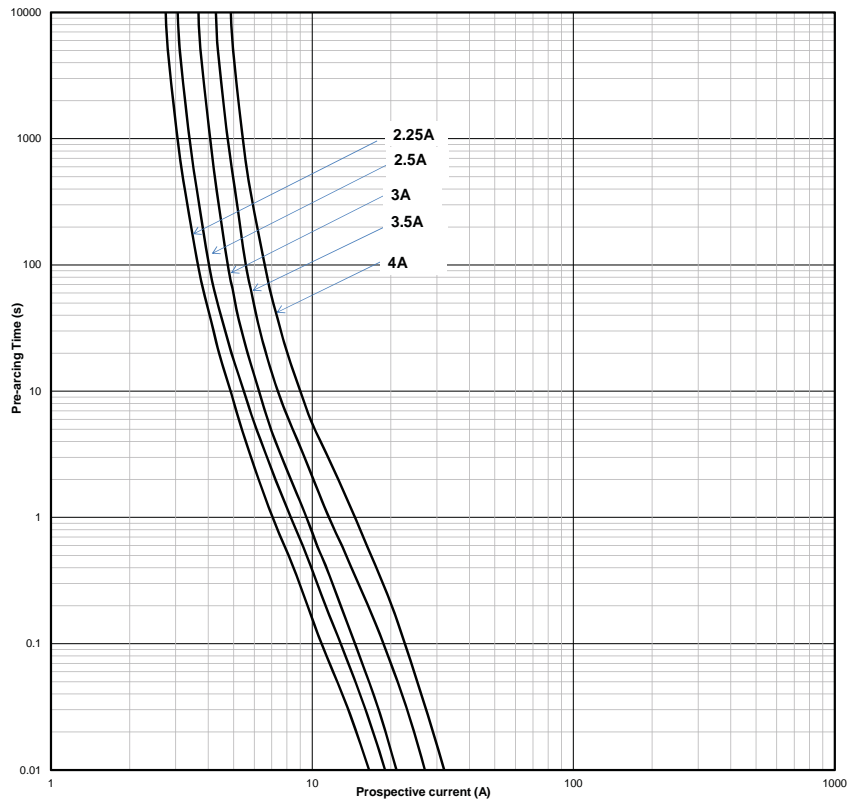


Cylindrical with Tags PV-(amp rating)A14L-T

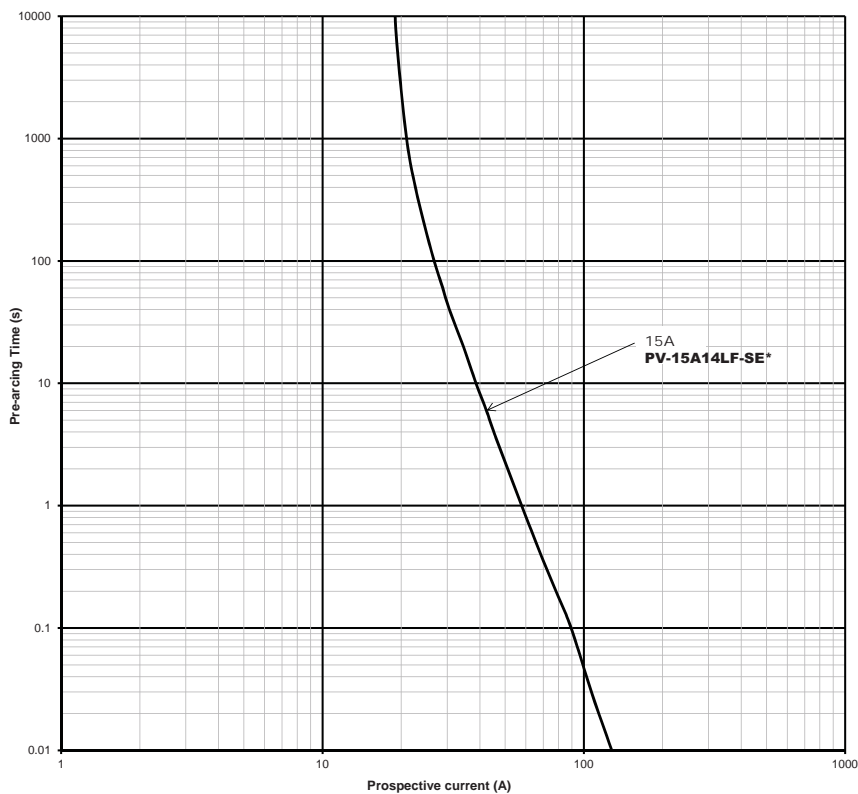


Cylindrical with 10mm Fixings PV-(amp rating)A14LF10F

Time current curve - 2.25 to 4 A

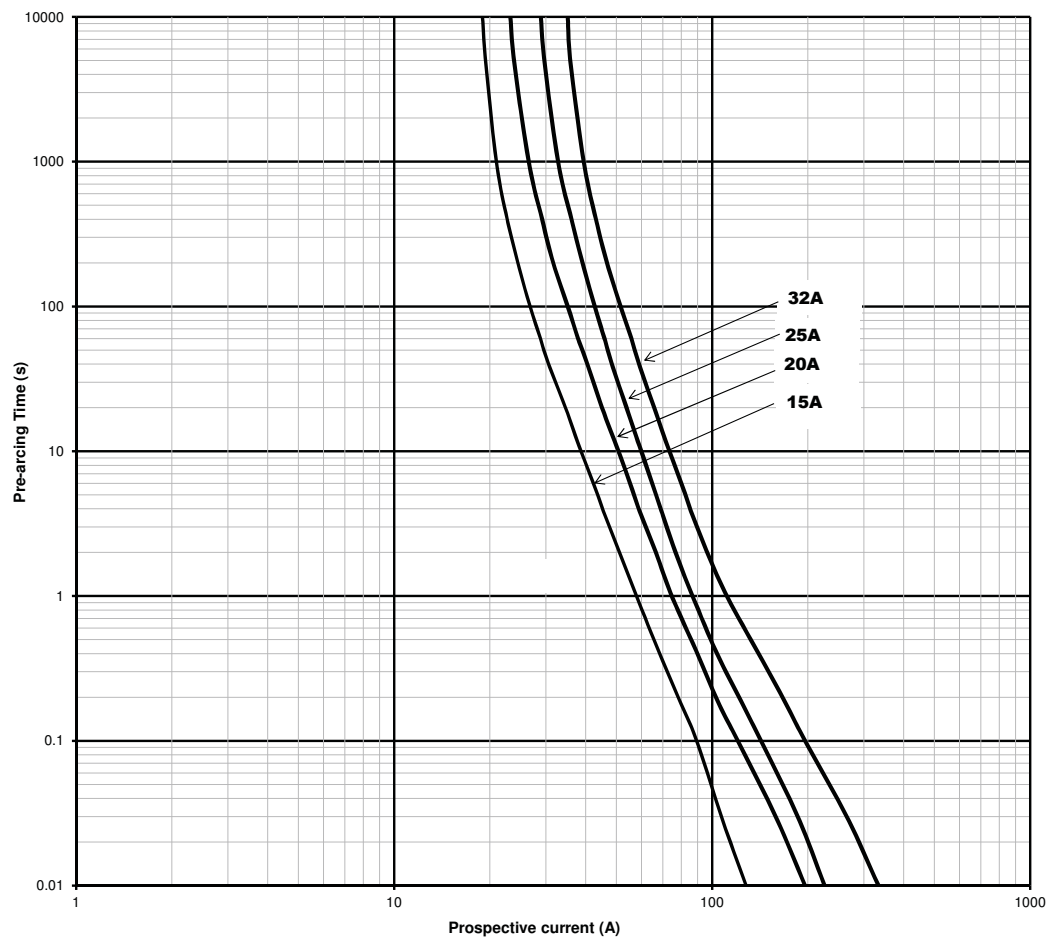


Time current curve - 15 A, PV-15A14LF-SE



* Low watts loss version, IEC 60269-6 only

Time current curve 15 to 32 A



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Publication No. 720139
March 2021