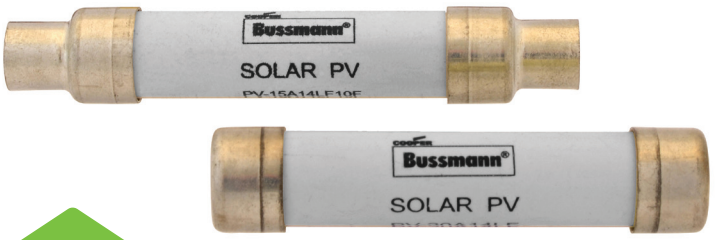
14x65mm photovoltaic fuses — 1500/1300Vdc, 2.25-32A



RoHS

Catalog symbols / mounting style:

- PV-(amp)A14LF (cylindrical)
- PV-(amp)A14L-T (cylindrical with tags)
- PV-(amp)A14LF10F (cylindrical with 10mm fixings)

Description:

Eaton's Bussmann™ series of 14x65mm package PV fuses 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).

Available with three mounting styles for application flexibility.

Basic fuse size

- 14x65mm

Ratings

- Volts
  - 1500Vdc (2.25-20A)
  - 1300Vdc (25-32A)
- Amps 2.25-32A
- Interrupting rating 10kA
- Time constant 1-3ms

Operating class

- gPV and UL PV fuse links

Agency information

- UL Listed 2579
- IEC 60269-6 gPV
- CSA pending
- CCC pending
- RoHS compliant

Packaging (carton quantity):

- PV-(amp)A14LF, PV-(amp)A14L-T, PV-(amp)A14LF10F: 10

Technical data

PV fuse coordination with thin film cells, and 4", 5" and 6" crystalline silicon cells.

Features:

- Specifically designed to provide fast-acting protection under low fault current conditions associated with PV systems
- High DC voltage rating
- Variety of mounting options for flexibility
- Demonstrated performance in extreme temperature cycling conditions
- Wide range of available amp ratings makes it easy to standardize wire harness protection
- Fuses meet UL and IEC photovoltaic standards for global product acceptance
- Low watts loss for greater PV system efficiency
- Low heat rise permits more precise sizing for greater electrical protection

Typical applications:

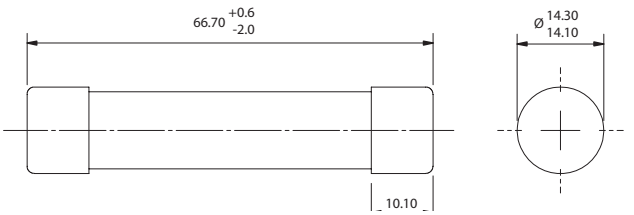
- Combiner boxes
- Inverters
- PV wire harnesses

Specifications:

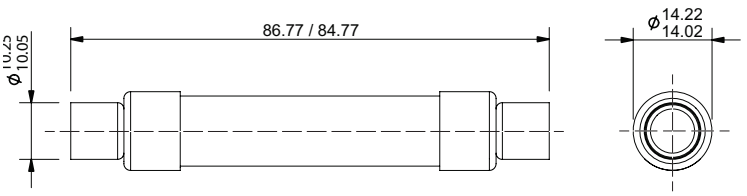
Catalog numbers / configurations			Current rating (amps)	Voltage rating (Vdc)	Energy integrals I^2t (A^2s)		Watts loss	
Cylindrical	Cylindrical with tags	Cylindrical with 10mm fixings			Pre-arcing	Total at rated voltage	0.8 I_n	I_n
PV-2.25A14LF	PV-2.25A14L-T	PV-2.25A14LF10F	2.25	1500	4	8	1.4	2.3
PV-2.5A14LF	PV-2.5A14L-T	PV-2.5A14LF10F	2.5	1500	5	10	1.5	2.5
PV-3A14LF	PV-3A14L-T	PV-3A14LF10F	3.0	1500	8	14	1.7	2.8
PV-3.5A14LF	PV-3.5A14L-T	PV-3.5A14LF10F	3.5	1500	12	23	1.8	3.0
PV-4A14LF	PV-4A14L-T	PV-4A14LF10F	4.0	1500	18	34	2.0	3.3
PV-15A14LF	PV-15A14L-T	PV-15A14LF10F	15	1500	14	160	3.2	5.8
PV-20A14LF	PV-20A14L-T	PV-20A14LF10F	20	1500	34	400	3.8	6.9
PV-25A14LF	PV-25A14L-T	PV-25A14LF10F	25	1300	65	550	4.1	7.5
PV-32A14LF	PV-32A14L-T	PV-32A14LF10F	32	1300	105	900	5.7	10.4

Dimensions/configurations - mm:

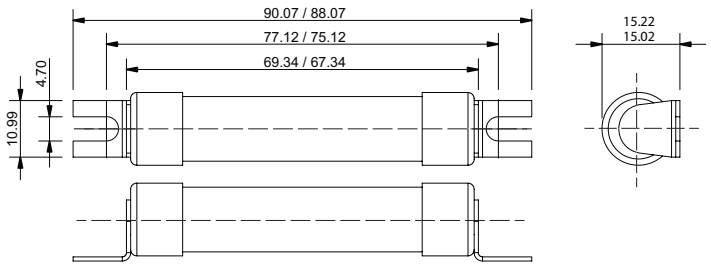
Cylindrical PV-(amp)A14LF



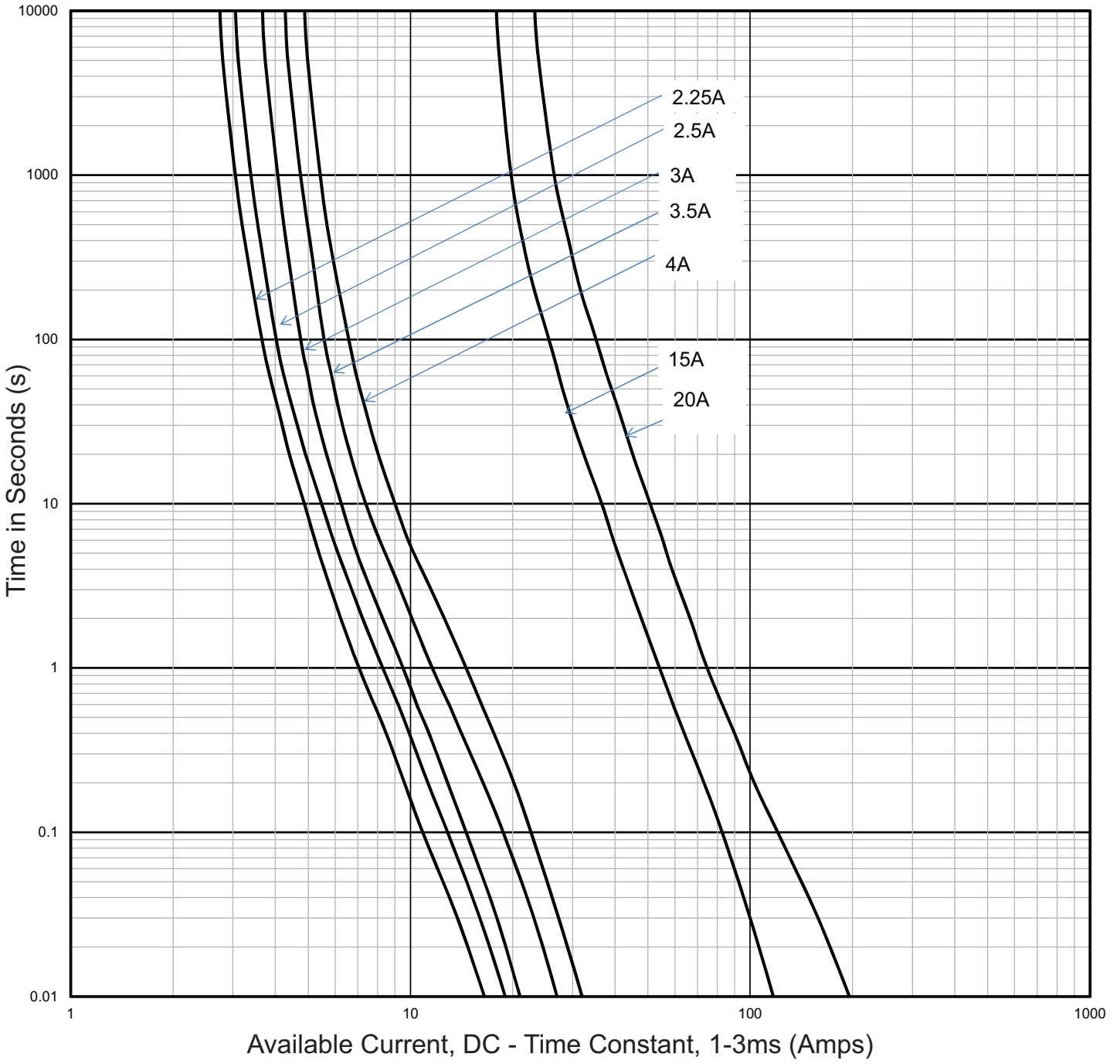
Cylindrical with 10mm fixings PV-(amp)A14LF10F



Cylindrical with tags PV-(amp)A14L-T



Time-current characteristics



Recommended fuseclips:

Catalog number (max amps)	Description/data sheet no.
1A3400-09 (20A) 1A3400-10 (30A) 1A3400-12 (15A)	PCB Fuseclips for PV-(amp)A14LF10F with 10mm fixings no. 2131

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Printed in USA
Publication No. 1172 — BU-SB14108
January 2017

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