

## 10 x 85 mm 1500 V d.c. Photovoltaic fuse links



### Product description

Eaton's Bussmann® series 10 x 85 mm fuse links are specifically designed to protect photovoltaic strings.

### Features

- Compatible with Eaton's Bussmann series CHPV15L85 fuse holder (see data sheet 10628).
- IEC and UL Accreditations

**Catalogue symbol**

- PV-(Amps)A10F85L for example PV-15A10F85L

**Technical data**

- Rated voltage: 1500 V d.c.
- Rated current: 2.25, 2.5, 3, 3.5, 4, 5, 12, 15, 16, 20, 25 and 30 A
- Breaking capacity: 30 kA d.c. 1 ms
- Class of operation: gPV

**Standards/Approvals**

- IEC 60269
- UL 248-19
- RoHS compliant

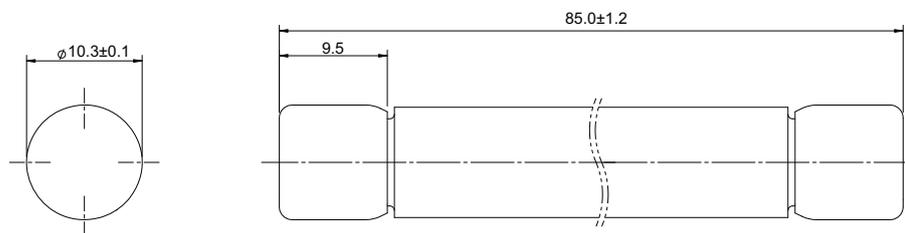
**Packaging**

- MOQ: 10

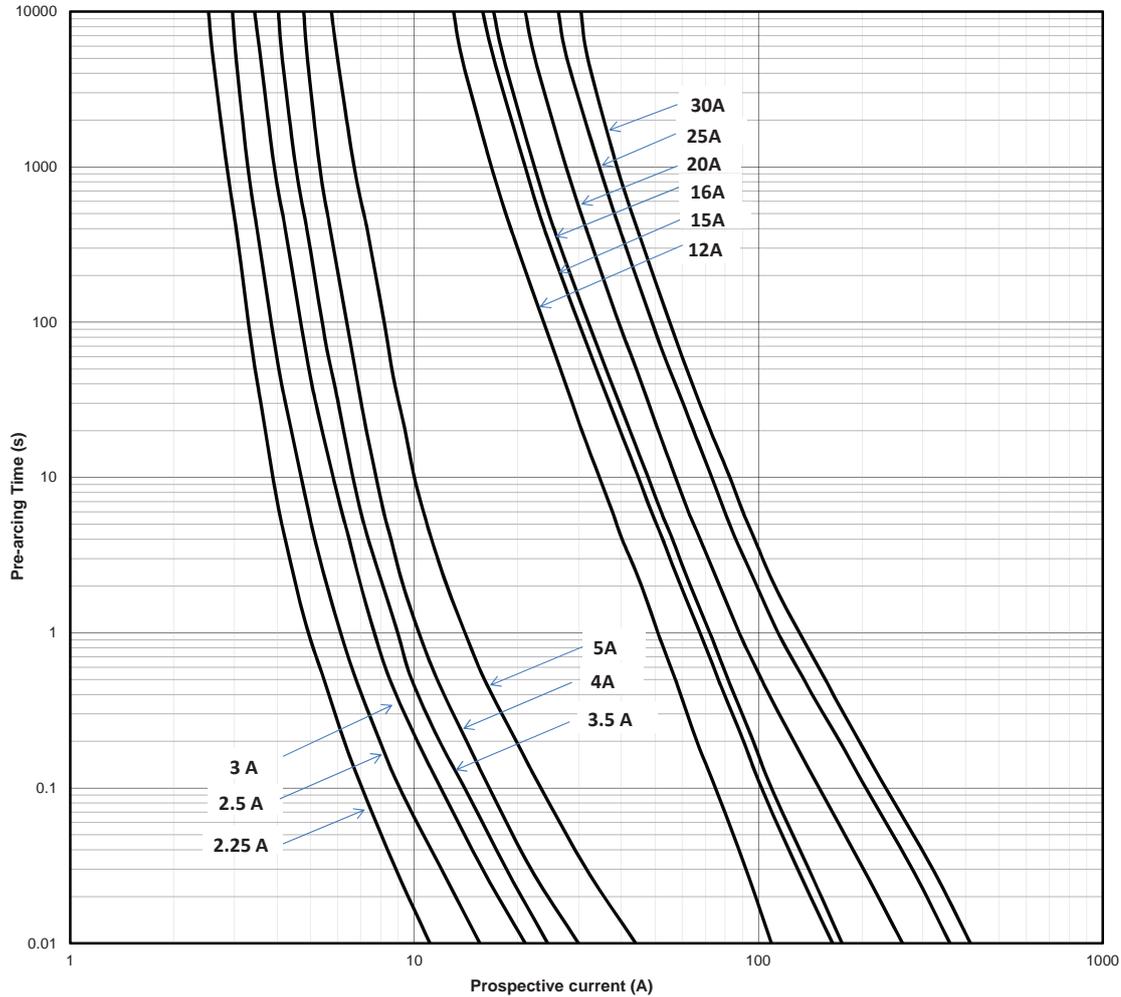
**Table 1. Technical Data**

| Catalogue numbers | Rated current (A) | Rated voltage (V d.c.) | Energy integrals I <sup>2</sup> t (A <sup>2</sup> s) |                      | Watts loss (W)     |                |
|-------------------|-------------------|------------------------|--|----------------------|--------------------|----------------|
|                   |                   |                        | Pre-arcing   | Total at 1500 V d.c. | 0.8 I <sub>n</sub> | I <sub>n</sub> |
| PV-2.25A10F85L    | 2.25              | 1500                   | 3  | 10                   | 1.4                | 2.4            |
| PV-2.5A10F85L     | 2.5               | 1500                   | 4  | 10                   | 1.3                | 2.1            |
| PV-3A10F85L       | 3                 | 1500                   | 7  | 20                   | 1.3                | 2.2            |
| PV-3.5A10F85L     | 3.5               | 1500                   | 10   | 20                   | 1.6                | 2.6            |
| PV-4A10F85L       | 4                 | 1500                   | 15   | 30                   | 1.7                | 2.8            |
| PV-5A10F85L       | 5                 | 1500                   | 33   | 60                   | 1.7                | 2.8            |
| PV-12A10F85L      | 12                | 1500                   | 19   | 240                  | 2.1                | 3.5            |
| PV-15A10F85L      | 15                | 1500                   | 42   | 300                  | 2.2                | 3.6            |
| PV-16A10F85L      | 16                | 1500                   | 48   | 350                  | 2.1                | 3.5            |
| PV-20A10F85L      | 20                | 1500                   | 108  | 800                  | 2.7                | 4.5            |
| PV-25A10F85L      | 25                | 1500                   | 190  | 1400                 | 3.4                | 5.6            |
| PV-30A10F85L      | 30                | 1500                   | 268  | 1090                 | 4                  | 6.6            |

**Dimensions - mm**



**Time-current curve**



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