



Eaton's Bussmann® series PVS XL fuse links are specifically designed to protect and isolate photovoltaic array combiners and disconnects. These fuse links are capable of interrupting low overcurrents associated with faulted PV systems (reverse current, multi-array fault).

### Features and benefits

- IEC and UL accreditations enable global applications.
- Compatible with Eaton's Bussmann series PV XL bases range and Microswitch's (order separately).
- Available in many configurations and mounting options to suit existing applications or help optimize new applications.

### Specifications

- Size 3L
- Rated voltage: 1500 V d.c.
- Rated current: 250 to 400 A
- Breaking capacity: 100 kA
- Time constant: 3 ms
- Class of operation: gPV
- Standards: IEC 60269-6 and UL 248-19



Bladed with top indicator



Bladed without top indicator



Bolted with side indicator



Bolted without side indicator



Powering Business Worldwide

## 1500 V d.c. PVS-XL Photovoltaic fuse links overview

### Technical Data - Bladed versions

Fuse link body size	Rated voltage	Rated current (Amps)	Breaking capacity (kA)	I <sup>2</sup> t (A <sup>2</sup> Sec)		Watts loss (W)		Catalogue numbers	
				Pre-arcing	Total at 1500 V <sup>1</sup>	0.7 I <sub>n</sub>	I <sub>n</sub>	Bladed with top indicator	Bladed without top indicator
3L	1500 V d.c.	250	100	90,000	350,000	24	43	PVS250A-3L-15	PVS250A-3L-U-15
3L	1500 V d.c.	315	100	175,000	460,000	22	55	PVS315A-3L-15	PVS315A-3L-U-15
3L	1500 V d.c.	350	100	250,000	970,000	23	57	PVS350A-3L-15	PVS350A-3L-U-15
3L	1500 V d.c.	355	100	250,000	970,000	23	59	PVS355A-3L-15	PVS355A-3L-U-15
3L	1500 V d.c.	400	100	315,000	1,100,000	27	71	PVS400A-3L-15	PVS400A-3L-U-15

### Technical Data - Bolted versions

Fuse link body size	Rated voltage	Rated current (Amps)	Breaking capacity (kA)	I <sup>2</sup> t (A <sup>2</sup> Sec)		Watts loss (W)		Catalogue numbers	
				Pre-arcing	Total at 1500 V <sup>1</sup>	0.7 I <sub>n</sub>	I <sub>n</sub>	Bolted version with side indicator	Bolted without side indicator
3L	1500 V d.c.	250	100	90,000	350,000	16	42	PVS250A-3L-B-15	PVS250A-3L-BU-15
3L	1500 V d.c.	315	100	175,000	460,000	21	52	PVS315A-3L-B-15	PVS315A-3L-BU-15
3L	1500 V d.c.	350	100	250,000	970,000	21	54	PVS350A-3L-B-15	PVS350A-3L-BU-15
3L	1500 V d.c.	355	100	250,000	970,000	22	57	PVS355A-3L-B-15	PVS355A-3L-BU-15
3L	1500 V d.c.	400	100	315,000	1,100,000	25	66	PVS400A-3L-B-15	PVS400A-3L-BU-15

### Compatible fuse bases and microswitches

Fuse link body size	Rated voltage	Rated current (Amps)	Fuse type	Catalogue numbers	Compatible XL Bases	Compatible micro-switches
3L	1500 V d.c.	250 to 400	Bladed with top indicator	PVS(Amp)A-3L-15	SD3L-S-PV	170H0236/170H0238
3L	1500 V d.c.	250 to 400	Bladed without top indicator	PVS(Amp)A-3L-U-15	SD3L-S-PV	N/A
3L	1500 V d.c.	250 to 400	Bolted with side indicator	PVS(Amp)A-3L-B-15	N/A	170H0069
3L	1500 V d.c.	250 to 400	Bolted without side indicator	PVS(Amp)A-3L-BU-15	N/A	N/A



Bladed with top indicator



Bladed without top indicator



Bolted with side indicator



Bolted without side indicator



170H0238



SD3L-S-PV

**Eaton**  
 EMEA Headquarters  
 Route de la Longeraie 7  
 1110 Morges, Switzerland

**Eaton Electrical Products Limited**  
 Unit 1, Hawker Business Park,  
 Melton Road, Burton-on-the-Wolds  
 Leicestershire, LE12 5TH  
 United Kingdom

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