



Unmatched global PV fuse offering up to 1500Vdc



Eaton's Bussmann® series of photovoltaic fuses protect all DC balance of system components, from panels to inverters, with ratings up to 1500Vdc and 630 amps

Product description:

The unique nature of PV system power generation necessitates the need for new and effective electrical protection products for overcurrent events.

We offer the industry's most complete and reliable selection of circuit protection solutions for PV balance of system.

Available in industry standard sizes, and unique designs like our HPV in-line fuse assembly for wire harnesses, our unmatched global offering has UL, IEC, CSA and CCC certifications that support seamless global designs for greater economy and manufacturing ease.

Features and benefits:

- Industry's most complete solar PV fuse offering that allows for protection anywhere in the PV installation.
- Fuses meet UL and IEC photovoltaic standards for global product acceptance.
- Variety of mounting options for flexibility in design.
- Low watts loss performance for greater energy efficiency.
- Meets the demand for greater voltage capacity and efficiency.
- Specifically designed to provide fast-acting protection under low fault current conditions associated with PV systems.
- Demonstrated performance in extreme temperature cycling conditions.

Eaton's Bussmann series solar PV fuse offering specifications:

Body type	Body size	Fuse type	Catalog symbol	Rated current (amps)	Rated voltage (Vdc)	Agency information				Data sheet number	Block/holder series									
						gPV*	UL	CCC*	CSA											
In-line	10x38mm	In-line Ferrule	PV-(amp)A10F-CT	1, 2, 3, 3.5, 4, 5, 6, 8, 10, 12, 15, 20A	1000	—	•	—	•†	10150	N/A									
	10x38mm	In-line Ferrule	HPV-DV-(amp)A	1, 2, 3, 3.5, 4, 5, 6, 8, 10, 12, 15, 20A	1000	—	•	—	•†	2157	N/A									
	14x65mm	In-line Ferrule	PV-(amp)A-CT	2.25, 2.5, 3.0, 3.5, 4.0, 15, 20, 25, 32A	1300/1500	—	•	—	•†	1172	N/A									
Cylindrical	10x38mm	Ferrule	PVM-(amp)	4, 5, 6, 7, 8, 9, 10, 12, 15, 20, 25, 30A	600	—	•	—	•	2153	BM HEB CHM									
	10x38mm	Ferrule	PV10M-(amp)	25, 30A	1000	•	•	•†	•	10121	CHPV									
	10x38mm	Ferrule	PV-(amp)A10F									CHPV								
		Bolt fixing	PV-(amp)A10-T	1, 2, 3, 3.5, 4, 5, 6, 8, 10, 12, 15, 20A	1000	•	•	•**	•	10121	N/A									
		PCB (one pin)	PV-(amp)A10-1P									N/A								
		PCB (two pins)	PV-(amp)A10-2P									N/A								
	14x51mm	Ferrule	PV-(amp)A14F	15, 20, 25, 32A	1000	•	•	•†	•†	720132	CH14B-PV									
	14x65mm	Ferrule	PV-(amp)A14LF	2.25, 2.5, 3.0, 3.5, 4.0, 15, 20, 25, 32A	1300/1500	•	•	•†	•†	720139	N/A									
		W/ tags	PV-(amp)A14L-T									N/A								
W/ 10mm fixings		PV-(amp)A14LF10F									N/A									
UL RK5	Ferrule			20, 25, 30, 35, 40, 50, 60A																
	Blade	Class RK5	PVS-R-(amp)	70, 80, 90, 100, 110, 125, 150, 175, 200, 225, 250, 300, 350, 400A	600	—	•	—	•	4203	RM60									
Square body	NH1	NH ^{††}	PV-(amp)ANH1	32, 40, 50, 63, 80, 100, 125, 160, 200A	1000	•	•	•†	•	720133	SD									
	NH2	NH ^{††}	PV-(amp)ANH2	250A	1000	•	•	•†	•†											
	NH3	NH ^{††}	PV-(amp)ANH3	300, 315, 350, 355, 400A	1000	•	•	•†	•†											
	01XL	Blade		PV-(amp)A-01XL	63, 80, 100, 125, 160A	1000	•	•	—	•	2162	SB								
		Bolt-on		PV-(amp)A-01XL-B																
		Blade		PV-(amp)A-01XL-15	50, 63, 80, 100, 125, 160±A	1500	•	•	—	•										
		Bolt-on		PV-(amp)A-01XL-B-15																
	1XL	Blade		PV-(amp)A-1XL	200A	1000	•	•	—	•										
		Bolt-on		PV-(amp)A-1XL-B																
		Blade		PV-(amp)A-1XL-15	100, 125, 160, 200A	1500	•	•	—	•										
	2XL	Bolt-on		PV-(amp)A-1XL-B-15																
		Blade		PV-(amp)A-2XL	160, 200, 250, 315, 350, 355A	1000	•	•	—	•										
		Bolt-on		PV-(amp)A-2XL-B																
	3L	Blade		PV-(amp)A-2XL-15	125, 160, 200, 250A	1500	•	•	—	•										
		Bolt-on		PV-(amp)A-2XL-B-15																
Blade			PV-(amp)A-3L	350, 400, 500, 600, 630††A	1000	•	•	—	•											
Bolt-on			PV-(amp)A-3L-B																	
UL CF	Various	Class CF	PVCF(amp)RN	35, 40, 45, 50, 60, 70, 80, 90, 100A	600	—	•	—	•	2155			TCFH							
											Blade			PV-(amp)A-3L-15	250, 315, 355, 400A	1500	•	•	—	•
											Bolt-on			PV-(amp)A-3L-B-15						

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* IEC 60269-6.
** 1 to 15A only.
† Pending.
†† 630A thermally rated to UL only.
± 160A @ 1200Vdc.
‡ Blade and bolt-on versions, see data sheet for available ampacities.