



PV Protection Made Simple

COOPER Bussmann

Unmatched Global PV Fuse Offering up to 1000Vdc

- UL, CCC and IEC (gPV) certified to support a global application design, removing additional certification requirements
- Industry's most complete Solar PV fuse offering that allows for protection anywhere in the PV installation
- Specifically designed to provide fast-acting protection under low fault current conditions associated with PV systems
- Bolted and bladed configurations provide versatile mounting options
- Demonstrated performance in extreme temperature cycling conditions



Solar PV Fuse Offering Specifications

Body Type	Body Size	Fuse Type	Catalog Symbol	Amp Ratings	Voltage Ratings	Standards			Data Sheet Number
						gPV*	UL†	CCC†	
Cylindrical	10x38mm	Ferrule Bolt fixing PCB (one pin) PCB (two pins)	PV-(amps)A10F PV-(amps)A10-T PV-(amps)A10-1P PV-(amps)A10-2P	1 - 6, 8, 10, 12, 15, 20A	1000Vdc	✓	✓ ††	✓	720110
	14x51mm	Ferrule	PV-(amps)A14F	15, 20, 25, 32A	1000 & 1100Vdc	✓	✓	✓	720132
NH	NH1	NH	PV-(amps)ANH1	32, 40, 50, 63, 80, 100, 125, 160A	1000Vdc	✓	✓	✓	720133
Square Body	01XL	Bladed Bolted	PV-(amps)A-01XL PV-(amps)A-01XL-B	63, 80, 100, 125, 160A	1000Vdc	✓	✓	✓	2156
	1XL	Bladed Bolted	PV-(amps)A-1XL PV-(amps)A-1XL-B	200A	1000Vdc	✓	✓	✓	
	2XL	Bladed Bolted	PV-(amps)A-2XL PV-(amps)A-2XL-B	160, 200, 250, 315, 355A	1000Vdc	✓	✓	✓	
	3L	Bladed Bolted	PV-(amps)A-3L PV-(amps)A-3L-B	350, 400, 500, 630A	1000Vdc	✓	✓	✓	

* IEC 60269-6, † Pending, †† 1 to 15A UL approved, ‡ 160A @ 1200Vdc

Fuse Holders & Blocks

Fuse Size	Holder/Block Series	Part Number	Poles	Voltage Rating	Description	Data Sheet
10x38	CHPV	CHPV1U	1	1000Vdc	IP20 Finger-Safe Holder	3185†
		CHPV1IU	1		IP20 Finger-Safe Holder with Indication	
		CHPV2U	2		IP20 Finger-Safe Holder	
		CHPV2IU	2		IP20 Finger-Safe Holder with Indication	
14x51	CH14	CH141D-PV	1	1000Vdc††	IP20 Finger-Safe Holder	2053
NH1	SB*-D TB*-D	SB1-D-PV	1	1000Vdc††	IP20 Finger-Safe Holder†††	‡
		TB1-D-PV	3		IP20 Finger-Safe Holder†††	
01XL 1XL 2XL 3L	SD	SD1XL-S	1	1200Vdc	Block	‡
		SD1XL-S	1		Block	
		SD2XL-S	1		Block	
		SD3L-S	1		Block	

† Literature reorder number.
†† Self certified.
††† Requires range of protection accessories.
‡ Consult factory for details.



CHPV Series



CH14 Series



SB*/TB* Series



SD Series