



Compact Modular Fuse Holders With the Industry's Best Ratings

Products for PV, IEC and UL Applications

COOPER Bussmann



Compact DIN-Rail Mountable Fuse Holders



Cooper Bussmann CH Series finger-safe modular fuse holders offer a set of advantages you can't find anywhere else.



Best Ratings

With a wide wire range and industry leading ratings - up to 32A, 1000V, 200kA SCCR – the new CH Series provides worldwide acceptance and easy specification – including the latest PV fuse holder standard (UL 4248-18)



Smallest Footprint

The CH Series conserves valuable panel space. Up to 10 percent smaller than the competition.



Ease of Use

Easy to identify and specify, product color coding shows PV, IEC and UL holders at a glance. Optional factory-installed neutral pole and open fuse indication speeds troubleshooting.



Accessories Provide Greater Flexibility

Save time and money by reducing wiring and components. Advanced comb-bus bar and PLC communication accessories expand design possibilities while delivering superior performance.



QuikShip[™] Service

In stock for QuikShip Everyday Service - 90% of our orders ship within 24 hours. QuikShip Emergency Service ensures you're covered 24/7, 365 with "Next flight out" courier service.

Modular Fuse Holder Specifications and Selection Guide

Features and Benefits

- High SCCR rated, UL Listed Class CC holder with indicator option for 600Vac/dc and 48Vdc.
- UL Recognized midget and 10 x 38 holders with factory assembled neutral pole option.
- Agency ratings up to 1000Vdc for use with solar PV fuses.
- Available remote PLC indication with the CH-PLC module.
- Rated for use with 75°C or 90°C wire, fine stranded wire, spade terminals and comb-bus bars. Use any higher temperature rated wire with appropriate derating.
- Complete range of UL Listed and high SCCR rated 1-phase and 3-phase finger-safe comb-bus bars and power feed lugs.

RoHS



Specifications

Agency Information: UL File E14853

Guide IZLT Listed, IZLT2 Recognized

CSA: File 47235, CHPV and CHM - Class 6225-30, CHCC - Class 6225-01

Ratings:

600V/30A (UL)

690V/32A (IEC)

Wire Range:

#18 to #4 (0.8mm² to 21.1mm²)

Torque Ratings:

30 Lb-In (3.4 N•m) maximum

Flammability Ratings:

UL 94V0, self-extinguishing

Storage & Operating Temperature Range:

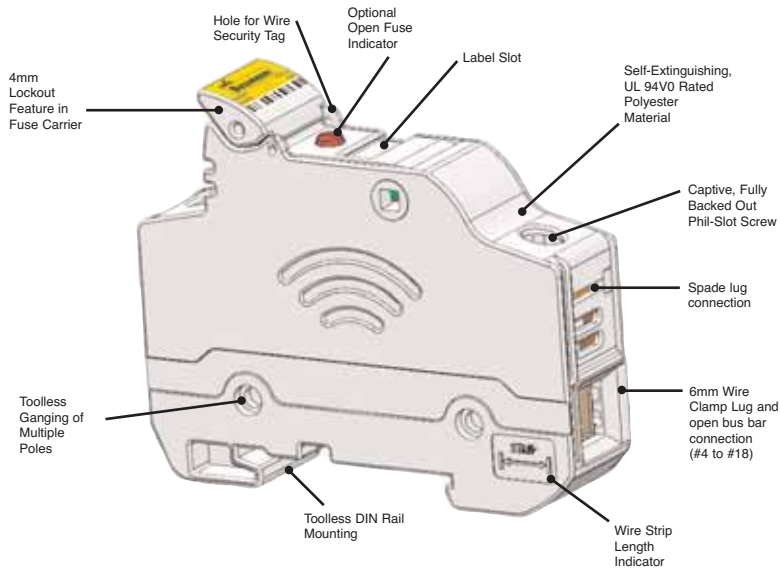
-20°C to +90°C (indicating)

-20°C to +120°C (non-indicating)

Series & Size	Catalog Number		Voltage & Current	Agency Markings	Number of Poles	Terminal Rating	SCCR Rating	Cooper Bussmann Fuses
	With Indicator	Without Indicator						
CHM 10x38 and Midget	CHM1DIU	CHM1DU	UL 600V/30A; IEC 690V/32A	UR; IEC 60269-2; CSA; CCC	1	Solid, Stranded, Fine Stranded, Spade Lug, Comb Bus Bar; Single and Dual Wire; 75°C and 90°C Cu wire	200kA rms sym	FNQ, KLM, FNM, KTK, BAF, FWA, DCM, C10 SERIES, AGU, BAN, FWC
	CHM2DIU	CHM2DU			2			
	CHM3DIU	CHM3DU			3			
	CHM4DIU	CHM4DU			4			
	CHM1DNUI	CHM1DNU	UL 48Vdc/30A; IEC 48Vdc/32A	IEC 60269-2	1 pole + 1 neutral			
	CHM3DNUI	CHM3DNU			3 poles + 1 neutral			
	CHM1DI-48U			UR; IEC 60269-2; CSA; CCC	1			
CHPV	CHPV1IU	CHPV1U	UL & IEC; 1000Vdc/30A	UL; CSA; UL4248-18; IEC60269-1; CCC	1		33kA	Solar PV series
	CHPV2IU	CHPV2U			2			
CHCC Class CC	CHCC1DIU	CHCC1DU	UL 600V/30A	UL; CSA; CCC	1		200kA rms sym	LP-CC, FNQ-R, KTK-R
	CHCC2DIU	CHCC2DU			2			
	CHCC3DIU	CHCC3DU			3			
		CHCC1DI-48U	UL 48Vdc/30A		1			
		CHM1DNXU	IEC 690V/32A	IEC60269-2	1 neutral		n/a	n/a

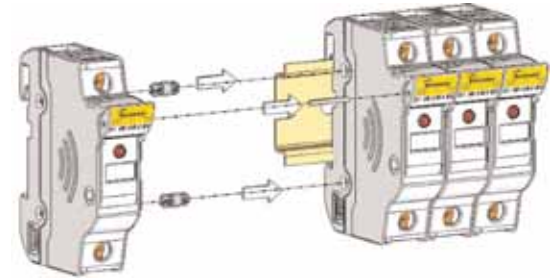
Modular Fuse Holder Features and Installation Guide

Features

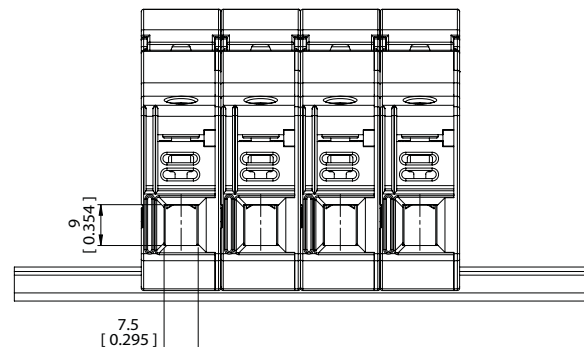
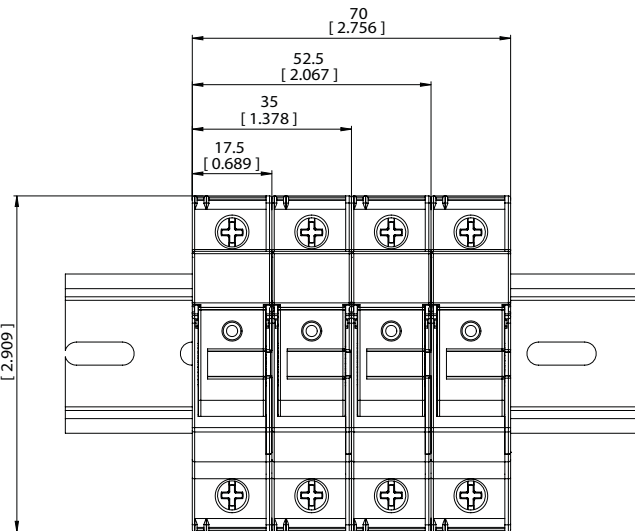
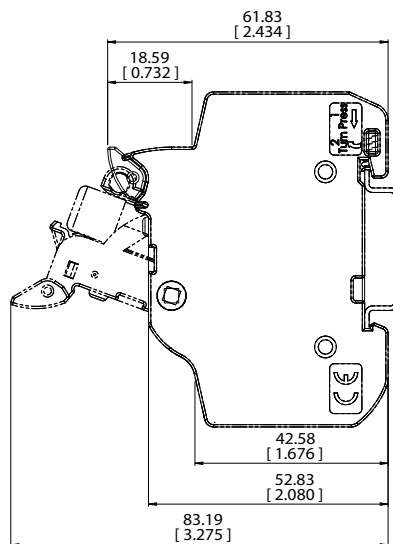


Multi-Pole Ganging

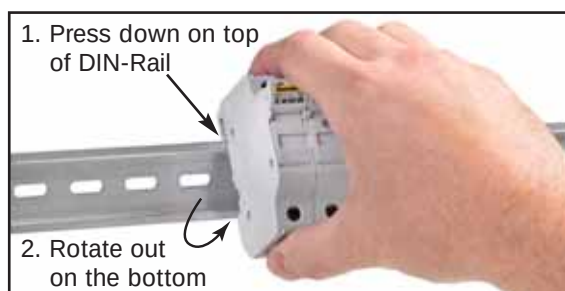
Use multi-pole connection kit part number JV-L to gang multiple poles together. One JV-L kit is sufficient to gang up to 4 poles.



Dimensional Data - mm (in)

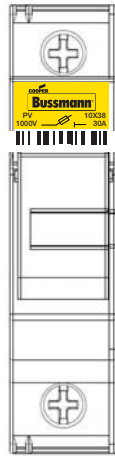
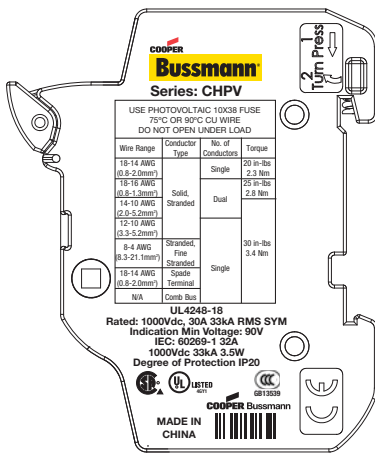


Removing Instructions

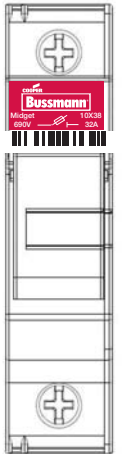
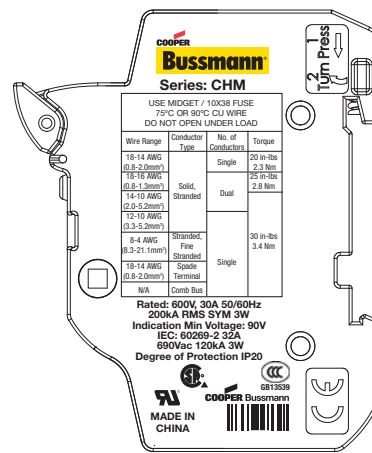


Product Design and Label Specifications

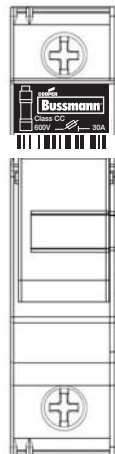
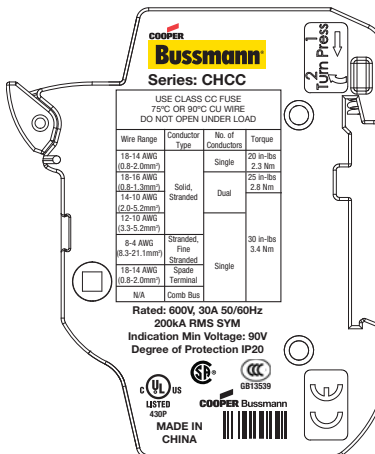
CHPV & CHPVI (PV Applications)



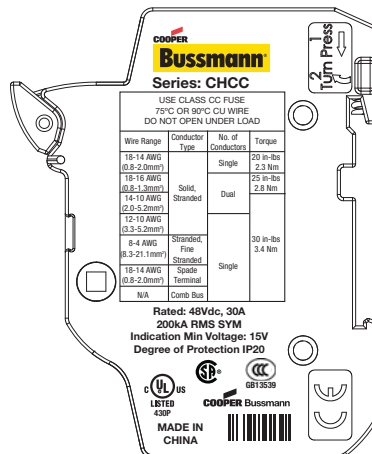
CHM & CHMI



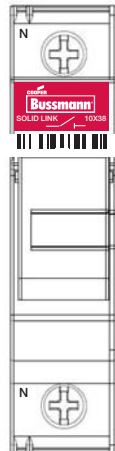
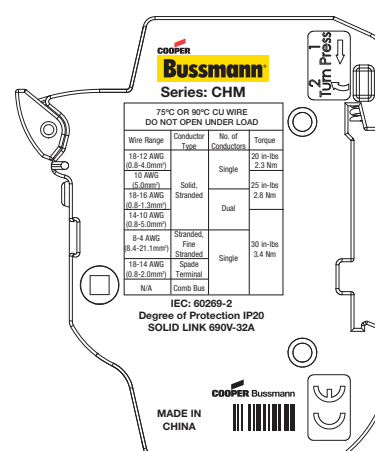
CHCC & CHCCI (UL Applications)



CHCCI-48



CHMDNX (IEC Applications)



CHMI-48

