

Technical Data **720147**Effective October 2017
Supersedes February 2017**BUSSMANN**
SERIES

10 x 38 mm Modular fuse holders



Product description

Eaton's Bussmann® series 10 x 38 mm modular fuse holders provide more space for cabling thanks to their compact design and are suitable for most applications including photovoltaic.

Features

- Colour coded for simple visual identification: yellow for PV (1000 V d.c.), red for IEC (690 V a.c.) and black for UL (600 V a.c./V d.c.) applications
- CHPV models, with 1000 V d.c. rating for use with solar gPV fuse links are suitable for photovoltaic applications of any size
- Tested to a wide range of standards: IEC, cULus, CCC, CSA and UR allowing for use across global applications
- World class footprint - smaller than any other modular fuse holders, reducing installation space required
- Toolless DIN-Rail mounting, improves ease of use and reduces installation time and costs
- Rated for use with 75°C or 90°C wire, fine stranded wire, spade terminals and with comb-bus bars. Use any higher temperature rated wire with appropriate derating.

EATON*Powering Business Worldwide*

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Catalogue symbol:

- See table below

Technical data:

Rated voltage and current: see table below

Terminal size: 1 to 25mm² (#18 to #4)

Torque rating: IEC only: 2.5N•m maximum

UL only: 3.4N•m (30Lb-In) maximum

Flammability ratings: UL94V0, self-extinguishing

Storage and operating temperature range:

-20°C to +90°C (indicating)

-20°C to +120°C (non-indicating)

Standards/Approvals:

- IEC 60269-1 and 60269-2
- UL File E14853, guide IZLT Listed, IZLT2 Recognised
- CSA File 47235
 - CHPV and CHM - Class 6225-30
 - CHCC - Class 6225-01
- CCC

Pack quantity

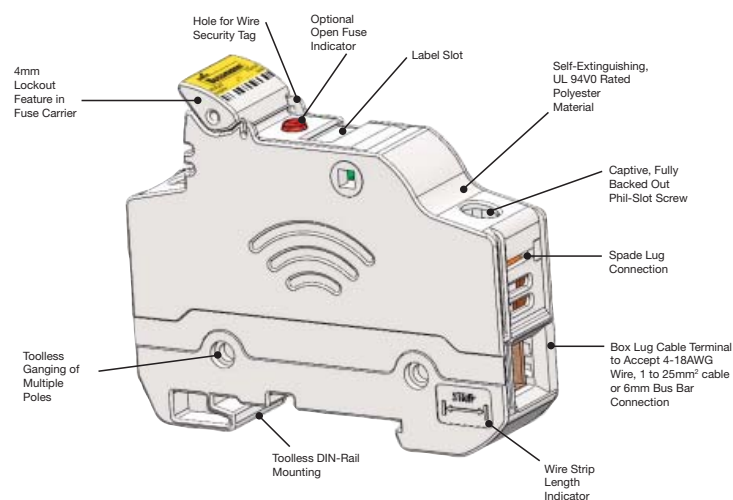
- 1-pole: 12
- 2-pole: 6
- 3-pole: 4
- 4-pole: 3

Table 1. Technical data

Series & size	Catalogue Number		Rated voltage and rated current	Agency Markings	Number of poles	Terminal rating	Rated breaking capacity	Eaton's Bussmann series fuse links
	With indicator	Without indicator						
CHM 10x38 & midget	CHM1DIU	CHM1DU	IEC 690 VAC / 32 A UL 600 VAC / 30 A	IEC 60269-2, UR, CSA, CCC	1	IEC: 1 to 25mm ² 70°C PVC/ Copper cable solid, stranded, fine stranded, Spade lug, comb bus bar, single and dual	IEC 120 kA rms sym	IEC C10 Series
CHM 10x38 & midget	CHM2DIU	CHM2DU	IEC 690 VAC / 32 A UL 600 VAC / 30 A	IEC 60269-2, UR, CSA, CCC	2		UL 200 kA rms sym	UL: FNQ, KLM, FNM, KTK, BAF, FWA, PVM, AGU, BAN, FWC
CHM 10x38 & midget	CHM3DIU	CHM3DU	IEC 690 VAC / 32 A UL 600 VAC / 30 A	IEC 60269-2, UR, CSA, CCC	3		CCC 100kA rms sym	
CHM 10x38 & midget	CHM4DIU	CHM4DU	IEC 690 VAC / 32 A UL 600 VAC / 30 A	IEC 60269-2, UR, CSA, CCC	4			
CHM 10x38 & midget	CHM1DNIU	CHM1DNU	IEC 690 VAC / 32 A UL 600 VAC / 30 A	IEC 60269-2	2: 1-pole + 1 neutral			
CHM 10x38 & midget	CHM3DNIU	CHM3DNU	IEC 690 VAC / 32 A UL 600 VAC / 30 A	IEC 60269-2	4: 3-pole + 1 neutral			
CHM 10x38 & midget	CHM1DI-48U	N/A	IEC 48 VDC / 32 A UL 48 VDC / 30 A	IEC 60269-2, UR, CSA, CCC	1			
CHM 10x38 & midget	N/A	CHM1DNXU	IEC 690 VAC / 32 A	IEC 60269-2	1 neutral		N/A	N/A
CHPV Photovoltaic	CHPV1IU	CHPV1U	IEC 1000 VDC / 32 A UL 1000 VDC / 30 A	IEC 60269-1, UR, CSA, CCC UL4248-18	1		33kA	Solar PV series PVM, PV-A10F
CHPV Photovoltaic	CHPV2IU	CHPV2U			2		33kA	
CHCC Class CC	CHCC1DIU	CHCC1DU	UL 600 VAC / VDC 30 A	UL, CSA, CCC	1	Cable 75°C and 90°C Cu Cable	200 kA rms sym	LP-CC, FNQ-R, KTK-R
CHCC Class CC	CHCC2DIU	CHCC2DU	UL 600 VAC / VDC 30 A	UL, CSA, CCC	2		200 kA rms sym	
CHCC Class CC	CHCC3DIU	CHCC3DU	UL 600 VAC / VDC 30 A	UL, CSA, CCC	3		200 kA rms sym	
CHCC Class CC	N/A	CHCC1DI-48U	UL 48 VDC / 30 A	UL, CSA, CCC	1		200 kA rms sym	

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Features

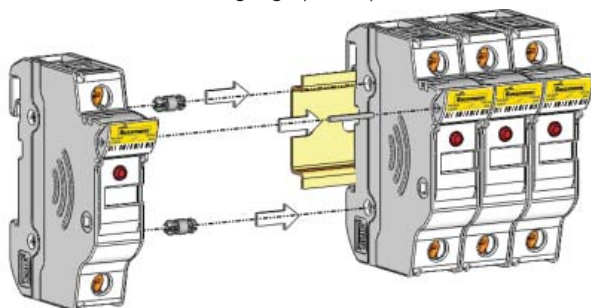


Multi-Pole ganging

Use multi-pole connection kit part number

JV-L to gang multiple poles together.

JV-L kit is sufficient to gang up to 4 poles.

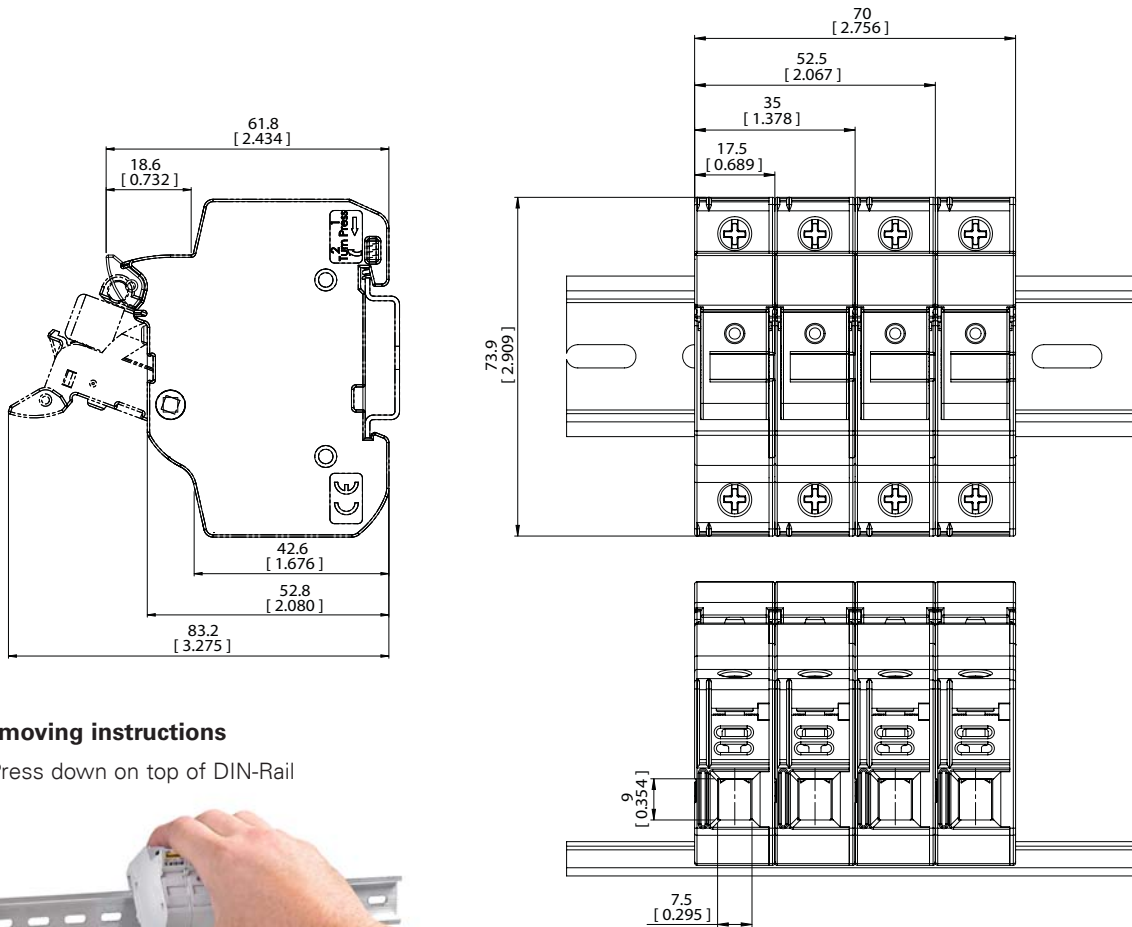


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Dimensional data - mm (in)



Removing instructions

1 Press down on top of DIN-Rail



2 - Rotate out on the bottom

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