

# 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.

**Catalogue symbol:**

- See table below

**Technical data:**

Rated voltage and current: see table below

Terminal size: 1 to 25mm<sup>2</sup> (#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	UL	CSA	CCC
CHM	IEC 60269-2	UL Recognised File E14853, Guide IZLT2	File 47235, Class 6225-30	CCC
CHCC		UL Listed file E14853, Guide IZLT	File 47235, Class 6225-01	CCC
CHPV	IEC 60269-2	UL Listed to E348242, and Guide IZMR	File 47235, Class 6225-30	CCC

- RoHS compliant

**Pack quantity**

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

**Table 1. Technical data CHM**

Series & size	Catalogue Number		Number of poles	IEC		UL		Terminal rating	Rated breaking capacity	Eaton's Bussmann series fuse links
	With indicator	Without Indicator		Rated voltage	Rated current	Rated voltage	Rated current			
CHM 10x38 & midget	CHM1DIU	CHM1DU	1	690 V a.c.	32 A	600 V a.c.	30 A	IEC: 1 to 25mm <sup>2</sup> 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	2	690 V a.c.	32 A	600 V a.c.	30 A			
CHM 10x38 & midget	CHM3DIU	CHM3DU	3	690 V a.c.	32 A	600 V a.c.	30 A			
CHM 10x38 & midget	CHM4DIU	CHM4DU	4	690 V a.c.	32 A	600 V a.c.	30 A		UL 200 kA rms sym	UL: FNQ, KLM, FNM, KTK, BAF, FWA, PVM, AGU, BAN, FWC
CHM 10x38 & midget	CHM1DI-48U	N/A	1	48 V d.c.	32 A	48 V d.c.	30 A			
CHM 10x38 & midget	CHM1DNIU	CHM1DNU	2: 1-pole + 1 neutral	690 V a.c.	32 A	600 V a.c.	30 A			
CHM 10x38 & midget	CHM3DNIU	CHM3DNU	4: 3-pole + 1 neutral	690 V a.c.	32 A	600 V a.c.	30 A			
CHM 10x38 & midget	N/A	CHM1DNXU	1 neutral	690 V a.c.	32 A			N/A	N/A	

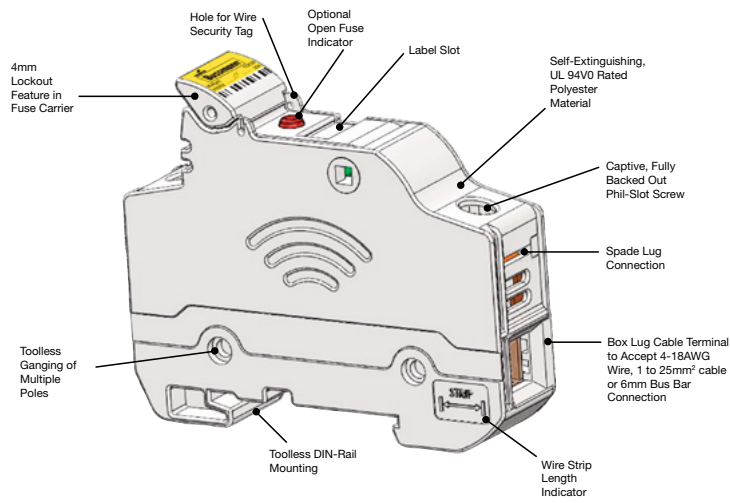
**Table 2. Technical data CHCC**

Series & size	Catalogue Number		Number of poles	UL		Terminal rating	Rated breaking capacity	Eaton's Bussmann series fuse links
	With indicator	Without Indicator		Rated voltage	Rated current			
CHCC Class CC	CHCC1DIU	CHCC1DU	1	600 V a.c. / V d.c.	30 A	Cable 75°C and 90°C Cu Cable	200 kA rms sym	LP-CC, FNQ-R, KTK-R
CHCC Class CC	CHCC2DIU	CHCC2DU	2	600 V a.c. / V d.c.	30 A		200 kA rms sym	
CHCC Class CC	CHCC3DIU	CHCC3DU	3	600 V a.c. / V d.c.	30 A		200 kA rms sym	
CHCC Class CC	N/A	CHCC1DI-48U	1	48 V d.c.	30 A		200 kA rms sym	

**Table 3. Technical data CHPV**

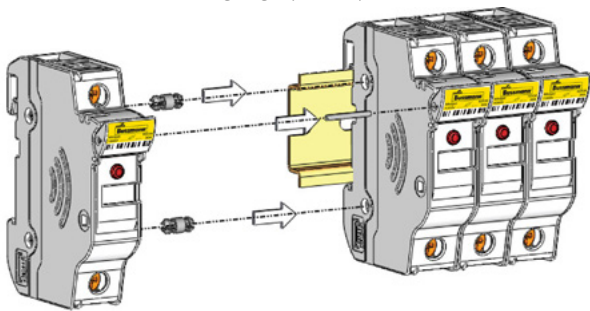
Series & size	Catalogue Number		Number of poles	IEC		UL		Terminal rating	Rated breaking capacity	Eaton's Bussmann series fuse links
	With indicator	Without Indicator		Rated voltage	Rated current	Rated voltage	Rated current			
CHPV Photovoltaic	CHPV1IU	CHPV1U	1	1000 V d.c.	32 A	1000 V d.c.	30 A	IEC: 1 to 25mm <sup>2</sup> 70°C PVC/Copper cable solid, stranded, fine stranded, Spade lug, comb bus bar, single and dual	33kA	Solar PV series PVM, PV-A10F
CHPV Photovoltaic	CHPV2IU	CHPV2U	2	1000 V d.c.	32 A	1000 V d.c.	30 A		33kA	

## Features

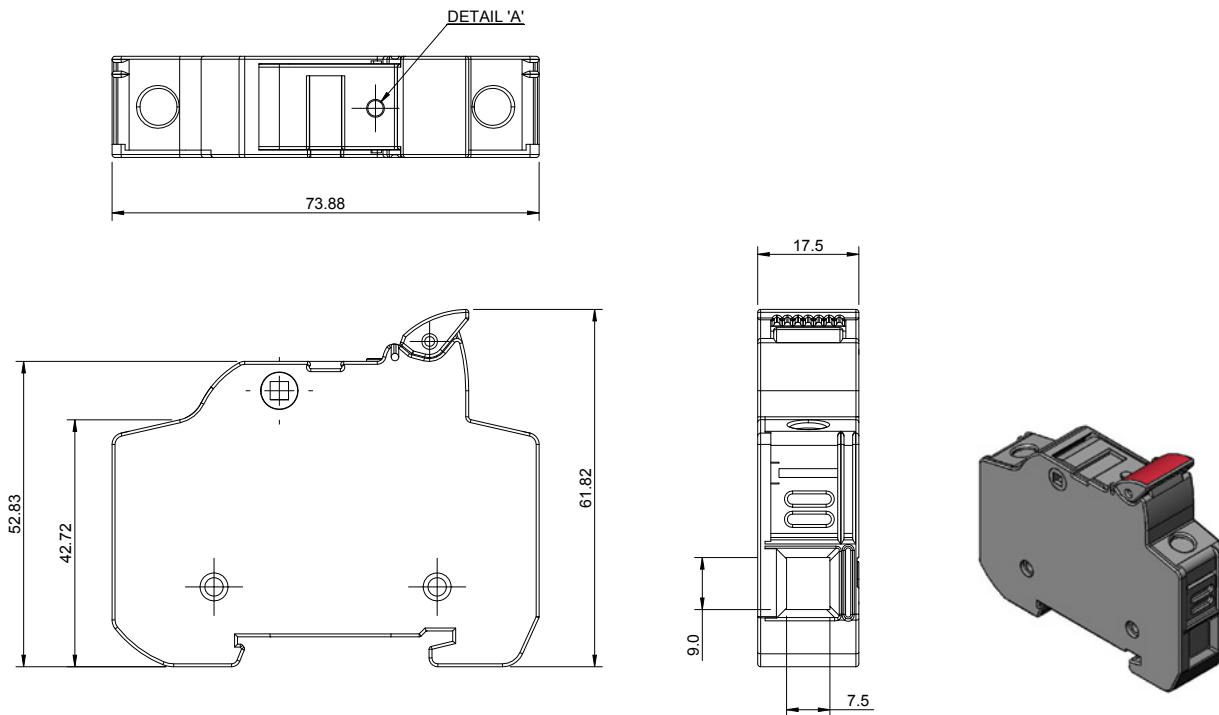


## Multi-Pole ganging

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.



**Dimensional data - mm**



**Removing instructions**

1 Press down on top of DIN-Rail



2 - Rotate out on the bottom

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