# 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$^2$ (#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**

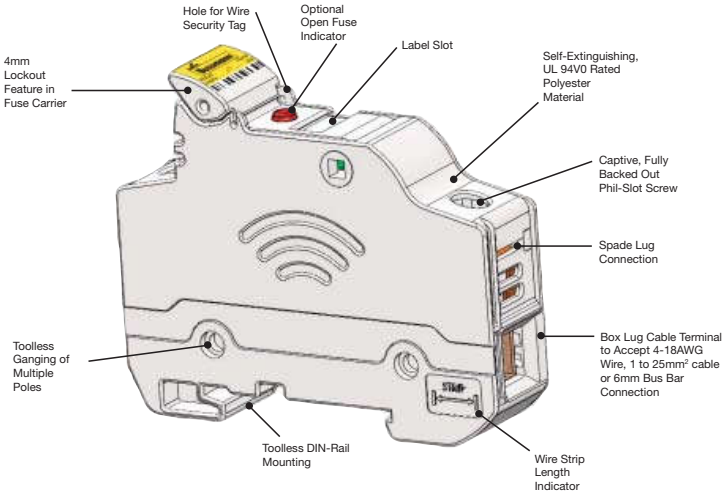
- 1-pole: 12
- 2-pole: 6
- 3-pole: 4
- 4-pole: 3

**Table 1. Technical data**

| | Catalogue Number | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Series & size** | **With indicator** | **Without Indicator** | **Rated voltage and rated current** | **Agency Markings** | **Number of poles** | **Terminal rating** | **Rated breaking capacity** | **Eaton's Bussmann series fuse links** |
| CHM 10x38 & midget | CHM1DIU | CHM1DU | IEC 690 VAC / 32 A<br>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<br>UL 200 kA rms sym<br>CCC 100kA rms sym | IEC C10 Series<br>UL: FNQ, KLM, FNM, KTK, BAF, FWA, PVM, AGU, BAN, FWC |
| CHM 10x38 & midget | CHM2DIU | CHM2DU | IEC 690 VAC / 32 A<br>UL 600 VAC / 30 A | IEC 60269-2, UR, CSA, CCC | 2 | | | |
| CHM 10x38 & midget | CHM3DIU | CHM3DU | IEC 690 VAC / 32 A<br>UL 600 VAC / 30 A | IEC 60269-2, UR, CSA, CCC | 3 | | | |
| CHM 10x38 & midget | CHM4DIU | CHM4DU | IEC 690 VAC / 32 A<br>UL 600 VAC / 30 A | IEC 60269-2, UR, CSA, CCC | 4 | | | |
| CHM 10x38 & midget | CHM1DNIU | CHM1DNU | IEC 690 VAC / 32 A<br>UL 600 VAC / 30 A | IEC 60269-2 | 2: 1-pole + 1 neutral | | | |
| CHM 10x38 & midget | CHM3DNIU | CHM3DNU | IEC 690 VAC / 32 A<br>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<br>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<br>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 | |

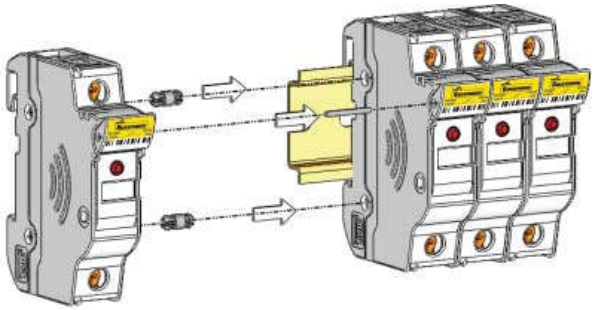
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## Features




## Multi-Pole ganging

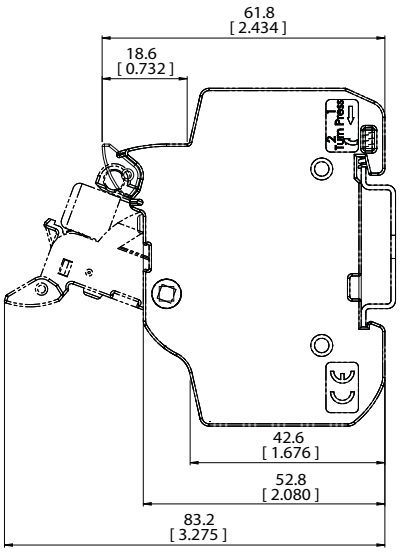
Use multi-pole connection kit part number
JV-L  to gang multiple poles together.
JV-L kit is sufficient to gang up to 4 poles.

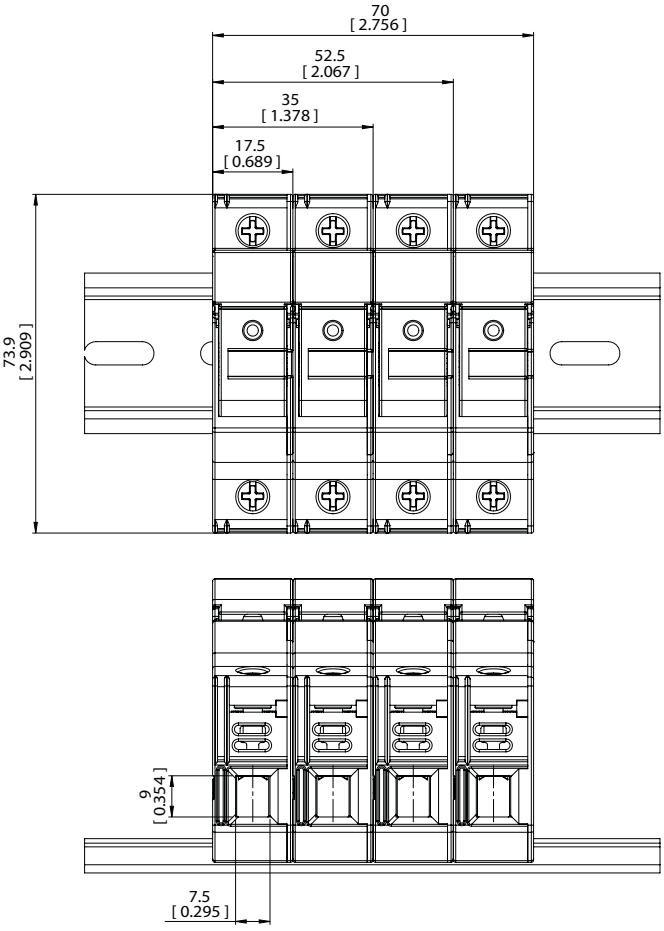


Technical Data **720147**
Effective October 2017

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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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