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 25mm² (#18 to #4)
Torque rating:
- IEC only: 2.5Nm maximum
- UL only: 3.4Nm (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

<table>
<thead>
<tr>
<th>Series &amp; size</th>
<th>Catalogue Number</th>
<th>With indicator</th>
<th>Without indicator</th>
<th>Rated voltage and rated current</th>
<th>Agency Markings</th>
<th>Number of poles</th>
<th>Terminal marking</th>
<th>Rated breaking capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHM 10x38 &amp; midget</td>
<td>CHM1DIU CHM1DU</td>
<td>CHM1DIU</td>
<td>CHM1DU</td>
<td>IEC 690 VAC / 32 A UL 600 VAC / 30 A</td>
<td>IEC 60269-2, UR, CSA, CCC</td>
<td>1</td>
<td>1: 1 to 25mm² 70°C PVC/ Copper cable solid, stranded, fine stranded, Spade lug, comb bus bar, single and dual</td>
<td>ECE 120 kA rms sym</td>
</tr>
<tr>
<td>CHM 10x38 &amp; midget</td>
<td>CHM2DIU CHM2DU</td>
<td>CHM2DIU</td>
<td>CHM2DU</td>
<td>IEC 690 VAC / 32 A UL 600 VAC / 30 A</td>
<td>IEC 60269-2, UR, CSA, CCC</td>
<td>2</td>
<td>2: 1-pole + 1 neutral</td>
<td>CCC 100kA rms sym</td>
</tr>
<tr>
<td>CHM 10x38 &amp; midget</td>
<td>CHM3DIU CHM3DU</td>
<td>CHM3DIU</td>
<td>CHM3DU</td>
<td>IEC 690 VAC / 32 A UL 600 VAC / 30 A</td>
<td>IEC 60269-2, UR, CSA, CCC</td>
<td>3</td>
<td>3: 3-pole + 1 neutral</td>
<td></td>
</tr>
<tr>
<td>CHM 10x38 &amp; midget</td>
<td>CHM4DIU CHM4DU</td>
<td>CHM4DIU</td>
<td>CHM4DU</td>
<td>IEC 690 VAC / 32 A UL 600 VAC / 30 A</td>
<td>IEC 60269-2</td>
<td>4</td>
<td>4: 1-pole + 1 neutral</td>
<td></td>
</tr>
<tr>
<td>CHM 10x38 &amp; midget</td>
<td>CHM1DI-48U N/A</td>
<td>CHM1DI-48U</td>
<td>N/A</td>
<td>IEC 48 VDC / 32 A UL 48 VDC / 30 A</td>
<td>IEC 60269-2, UR, CSA, CCC</td>
<td>1</td>
<td>1 neutral</td>
<td></td>
</tr>
<tr>
<td>CHPV Photovoltaic</td>
<td>CHPV1IU CHPV1U</td>
<td>CHPV1IU</td>
<td>CHPV1U</td>
<td>IEC 1000 VDC / 32 A UL 1000 VDC / 30 A</td>
<td>IEC 60269-1, UR, CSA, CCC UL4248-18</td>
<td>2</td>
<td>2 neutrale</td>
<td></td>
</tr>
<tr>
<td>CHCC Class CC</td>
<td>CHCC1DIU CHCC1DU</td>
<td>CHCC1DIU</td>
<td>CHCC1DU</td>
<td>UL 600 VAC / VDC 30 A UL 600 VAC / VDC 30 A</td>
<td>UL, CSA, CCC</td>
<td>1</td>
<td>200 kA rms sym</td>
<td></td>
</tr>
<tr>
<td>CHCC Class CC</td>
<td>CHCC2DIU CHCC2DU</td>
<td>CHCC2DIU</td>
<td>CHCC2DU</td>
<td>UL 600 VAC / VDC 30 A UL 600 VAC / VDC 30 A</td>
<td>UL, CSA, CCC</td>
<td>2</td>
<td>200 kA rms sym</td>
<td></td>
</tr>
<tr>
<td>CHCC Class CC</td>
<td>CHCC3DIU CHCC3DU</td>
<td>CHCC3DIU</td>
<td>CHCC3DU</td>
<td>UL 600 VAC / VDC 30 A UL 600 VAC / VDC 30 A</td>
<td>UL, CSA, CCC</td>
<td>3</td>
<td>200 kA rms sym</td>
<td></td>
</tr>
<tr>
<td>CHCC Class CC</td>
<td>N/A CHCC1DI-48U</td>
<td>N/A</td>
<td>CHCC1DI-48U</td>
<td>UL 48 VDC / 30 A UL 48 VDC / 30 A</td>
<td>UL, CSA, CCC</td>
<td>1</td>
<td>200 kA rms sym</td>
<td></td>
</tr>
</tbody>
</table>

10 x 38 mm Modular fuse holders
10 x 38 mm Modular fuse holders

**Features**

- **4mm Lockout Feature in Fuse Carrier**
- **Toolless Ganging of Multiple Poles**
- **Toolless DIN-Rail Mounting**
- **Wire Strip Length Indicator**
- **Box Lug Cable Terminal to Accept 4-18 AWG Wire, 1 to 25mm2 cable or 6mm Bus Bar Connection**
- **Captive, Fully Backed Out Phil-Slot Screw Spade Lug Connection**
- **Self-Extinguishing, UL 94V0 Rated Polyester Material**
- **Label Slot**
- **Optional Open Fuse Indicator**
- **Hole for Wire Security Tag**

**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.
Removing instructions

1. Press down on top of DIN-Rail

2. Rotate out on the bottom