



# PV10BWI

Photovoltaic Fuse Holder with Indication

**30 Amps 1000 Volts DC**

For use with 10 x 38mm PV Fuse

## Wire Range

- 10 - 14 AWG solid
- 6 - 14 AWG stranded
- Copper wire only

## Electrical Ratings

- 30A, 1000V DC
- SC withstand 30kA
- CU9AL - 90°C connector terminal rating
- Factory & field wiring

## Agency Compliance

- UL recognized fuse holder, evaluated to UL 4248-18, file no. IZMR2.E364954
- CSA - class 3211 37. file no. LR21455

## Material Information

- Insulator base:
  - Thermoplastic
  - Flammability rating of insulator base UL94V2
  - Insulator base temperature rating: -40°C to 130°C (UL RTI)
- Bus bar clamp - steel, zinc plated
- Fuseclip - copper, tin plated
- Spring - steel, zinc plated
- Terminal screws - steel, tin plated
- RoHS compliant

A Regal Brand

**REGAL**

## Termination Specifications

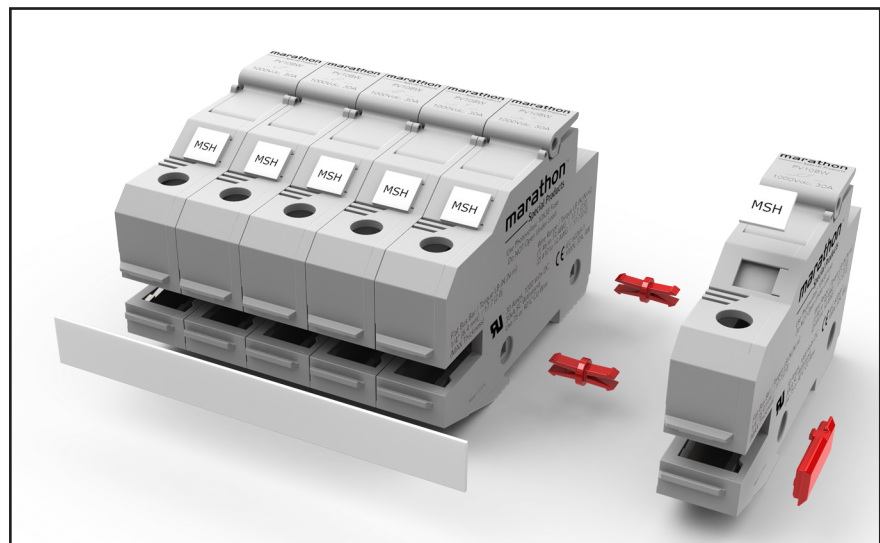
Bus Bar Terminal	Thickness	Width	Torque N-m (in-lbs)
Min.	0.09" (2.3mm)	0.500" (12.7mm)	2.0 N·m (17.7 lbf·in)
Max.	0.25" (6.4mm)	-	2.0 N·m (17.7 lbf·in)

Wire Side	Wire Size (CU Stranded)	Torque N-m (in-lbs)	Wires / Terminal	Wire Class (UL) <sup>1</sup>
	#6 - 14	2.0 N·m (17.7 lbf·in)	1	B, C
	#10 - 14	2.0 N·m (17.7 lbf·in)	2	B, C

- Solid copper wire range: #10-14 AWG
- Wire strip length: 0.50" (13 mm)

## Installation & Accessories

- Mounting:
  - 7.5 X 35 mm din rail mountable
- Safety Guidelines:
  - Do not open under load



Catalog #	Description
PV10BW	Fuse holder - midget (10 x 38mm) PV fuses
PV10BWI	Fuse holder with (red) blown fuse indicator - for PV fuse sized 10x38mm
MSH10	Marker card - single white, snap-in labels 10mm wide for individual identification
EFH-MCCK C	Ganging clips - used to group multiple fuse holders together as an assembly
MS 2	Front cover - white 2' long strip to be cut to length and cover a set of holders
ECPV FH	End cap - covers the end opening(s) of the bus bar terminal
MN35-2	Din rail - 35 x 7.5 x 200mm long, slotted
MSK35	End bracket - for anchoring in place on din rail

<sup>1</sup> For information on copper stranded wire classes please reference: <http://www.marathonsp.com/CatalogPDFs/Flexible-Stranded-Wire.pdf>

Conditions of Acceptability

- Electrical spacings are maintained according to the requirements of the equipment in which the product is installed
- End use temperature tests are performed
- The number of fuse holders attached to bus bar and the mounting methods will be judged in end use

Recommended Bus Bar Sizes

- 0.094 - 0.250 thick
- 0.75" Maximum width for MS 2 protection; greater than 0.75" is acceptable without MS 2
- Utilize typical copper bus bar ampacity tables

Drawing

