



marathon®
Special Products

Product Data Sheet PV10BW

Photovoltaic Fuse Holder
For use with 10x38mm PV fuses only.

30 Amps 1000 Volts DC

Wire Range

- 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
- Touch Protection: IP-20 (IEC 60529)

Material Information

- Insulator base:
 - Thermoplastic
 - Flammability rating of insulator base UL94V0
 - Insulator base temperature rating: -40°C to 140°C (UL RTI)
- Bus bar clamp - steel, zinc plated
- Fuseclip - copper, tin plated
- Spring - steel, zinc plated
- Terminal screws - steel, zinc plated
- RoHS compliant

A Regal Brand

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Termination Specifications

Bus Bar Terminal	Thickness	Width	Torque N-m (lbf-in)
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 Size (CU Stranded)	Torque N-m (lbf-in)	Wires / Terminal	Wire Class (UL) ¹
#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

- 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
ECPVFH	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

Conditions of Acceptability

- Electrical spacings must be maintained according to the requirements of the equipment in which the product is installed.
- End use temperature tests must be 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

