

# Photovoltaic Fuse Holder PV15BW90

For use with 24 X 65 mm Fuse

## Wire Range

- #1 - 18 AWG stranded
- #10 - 18 AWG Solid

## Electrical Ratings

- 90A, 1500V DC
- SC withstand 10kA
- CU7AL - 90°C connector terminal rating
- Factory & field wiring

## Agency Compliance

- UL recognized fuse holder, evaluated to UL 4248-19, file no. IZMR2.E364954

## 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



## 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 (17.7lbf-in)

- Utilize typical copper bus bar ampacity tables

Wire Size	Wire Type (sol/str)	Wire Materials (CU/AL)	Wire Class (UL)	
			Nm	Lb. In.
18 -10 (2) 18 - 10 AWG	Sol	CU	2.8	25.0
8 - 1 AWG (2) 18 - 6 AWG	Str	CU	4.5	40.0

- Solid copper wire range: #10 - 18 AWG
- Wire strip length: 16mm (5/8")

## Installation & Accessories

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

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

Drawing

