



NEW PRODUCT RELEASE

POWRFUSE™ HIGH-POWER FUSES



Bourns POWrFuse High-Power Fuse Line Releases New 1500 VDC Photovoltaic Class gPV Series PF-PVC150R Series

Riverside, California - June 11, 2025 – Bourns is pleased to introduce 1500 V models in its POWrFuse™ High-Power Fuse product family, featuring high-power industrial fuse links designed to comply with UL 248-19 standards.

The PF-PVC150R Series is engineered to provide reliable protection for solar photovoltaic power systems operating under extreme ambient temperatures, high-cycling, and low-level fault current conditions. This new fuse family is also designed for use in industrial applications and Battery Management Systems (BMS).

Series	Rated Current	Rated Voltage	Interrupting Rating	Agency Recognition	RoHS Compliant*	Halogen Free**	Mounting Type
PF-PVC150R	4 - 30 A	1500 VDC	50 kA @1500 VDC		Yes	Yes	Ferrule

Bourns® POWrFuse™ High-Power Fuse products are RoHS compliant* and halogen free**. For additional information on Bourns® POWrFuse™ products, please visit the Bourns website at <https://bourns.com/products/circuit-protection/powrfuse-high-power-fuses>. Should you have any questions, please feel free to contact [Bourns Customer Service/Inside Sales](#).

Features

- Designed to UL 248-19 (class gPV) photovoltaic fuse standard
- 1500 VDC and 4 - 30 A ratings available
- Up to 50 kA interrupting rating
- Temperature range: -40 to +90 °C
- Available in ferrule and crimp cap options

Applications

- Solar combiner boxes and inverters
- Battery charge controllers
- Solar string protectors
- Power supplies

Additional Information

[DATA SHEET](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.

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