

NEW PRODUCT RELEASE

POWR FUSE™ HIGH-POWER FUSES



Bourns Releases New Photovoltaic (gPV) Power Fuse Product Family

Model PF-E and PF-H (gPV) Series

Riverside, California – **June 16, 2022** – Bourns POWrFuse High-Power Fuse Product Line is pleased to debut the first two series of the POWrFuse™ High-Power Fuse product families, which are high power rating, industrial fuse links designed to UL 248 and IEC 60269 standards.

These new Photovoltaic Power Fuses are designed to meet UL 248-19 (PF-E and PF-H (gPV) Series) and IEC 60269-6 (PF-H (gPV) Series) requirements to protect solar photovoltaic power systems under extreme ambient temperatures, high-cycling and low-level fault current conditions. These new model families are intended for use in a variety of photovoltaic power installations, industrial and Battery Management Systems applications.

Series	Rated Current	Rated Voltage	Interrupting Rating	Agency Recognition	RoHS Compliant*	Halogen Free**	Mounting Type	
							Ferrule	PCB Mounting
PF-E	15 – 30 A	1000 VDC	20 kA @1000 VDC		Yes	Yes		
PF-H (gPV)	15 – 30 A	600 VAC 600 VDC	150 kA @ 600 VAC 50 kA @ 600 VDC 10 kA @ 600 VDC		Yes	Yes	C1	T1

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Bourns® POWrFuse™ High-Power Fuses are RoHS compliant* and halogen free**. For additional information on Bourns® POWrFuse™ products, please visit the Bourns website at www.bourns.com/products/fuses/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 (PF-E and PF-H (gPV) Series) and IEC 60269-6 (PF-H (gPV) Series) photovoltaic fuse standards
- Fast-acting protection under fault current
- Low resistance and power loss
- Up to 20 kA (PF-E) or 150 kA (PF-H (gPV)) interrupting rating
- Operating temperature range: -55 to +125 °C
- Ferrule and PCB mounting options
- RoHS compliant* and halogen free**

Applications

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

* 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.

"POWrFuse" is a trademark of Bourns, Inc.