

# NEW PRODUCT RELEASE

## POWR FUSE™ HIGH-POWER FUSES





## Bourns POWrFuse High-Power Fuse Product Line Announces EV Power Fuse Family

### Model PF-K Series

Riverside, California – August 29, 2022 – Bourns is pleased to announce two new POWrFuse™ High-Power Fuse models, which are high power rating, industrial fuse links designed to ISO 8820-8 standards.

The new [Model PF-K Series](#) is specially designed to meet ISO 8820-8 standards for the protection of high-voltage accessory circuits in electric vehicles (EVs) and hybrid electric vehicles (HEVs). Other intended applications for this new model family include electrical energy storage (ESS) and battery management systems (BMS).


Series	Rated Current	Rated Voltage	Interrupting Rating	ISO Compliance	RoHS Compliant*	Halogen Free**	Mounting Type	
							Bolt	PCB Mounting
PF-K	15 – 50 A	275 VAC 500 VDC	10 kA @ 275 VAC 20 kA @ 500 VDC 10 kA @ 450 VDC	8820-8	Yes	Yes	 B1	 T1

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](http://www.bourns.com/products/fuses/powrfuse-high-power-fuses). Should you have any questions, please feel free to contact [Bourns Customer Service/Inside Sales](#).

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## Features

- ISO 8820-8 compliant
- Designed for protection of high-voltage accessory circuits in EVs and HEVs
- 15-50 A current ratings available
- 10 kA @ 275 VAC interrupting rating
- Temperature range: -55 to +125 °C
- Bolt and PCB mounting options
- RoHS compliant\* and halogen free\*\*
-  **AUTOMOTIVE**  
GRADE

## Applications

- EVs/HEVs
- Electrical energy storage
- Battery pack protection
- Battery Disconnect Units (BDUs)
- Battery chargers

\* 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.