



# NEW PRODUCT RELEASE

## POWRFuse™ HIGH-POWER FUSES

### ADVANCE NOTICE


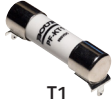


## Bourns POWrFuse High-Power Fuse Product Line Announces EV Power Fuse Family

### Model PF-K Series

Riverside, California – TO BE RELEASED 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<br>500 VDC | 10 kA @ 275 VAC<br>20 kA @ 500 VDC<br>10 kA @ 450 VDC | 8820-8         | Yes             | Yes            | <br>B1 | <br>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.