

# Bourns® POWrFuse™ High-Power Fuses Product Guide

## POWrFuse™ INDUSTRIAL POWER FUSES

| Model Series               | Mounting Type                                                                                             | Dimensions (mm)  | Rated Current | Rated Voltage      | Interrupting Rating                                      | Agency Recognition                                                                  |
|----------------------------|-----------------------------------------------------------------------------------------------------------|------------------|---------------|--------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------|
| <a href="#">PF-J</a>       | <br>PCB/T3               | 10.4 dia. x 38.5 | 30-70 A       | 500 VAC<br>125 VDC | 2000 A @ 500 VAC<br>2000 A @ 250 VAC<br>1000 A @ 125 VDC |  |
| <a href="#">PF-G</a>       | <br>PCB/T3               | 14.6 dia. x 38.5 | 63 A          | 600 VAC<br>125 VDC | 1500 A @ 600 VAC<br>2000 A @ 250 VAC<br>500 A @ 125 VDC  |  |
| <a href="#">PF-H (ind)</a> | <br>Ferrule/C1           | 10 dia. x 38     | 6-12 A        | 600 VAC<br>600 VDC | 100 kA @ 600 VAC<br>100 kA @ 600 VDC                     |  |
| <a href="#">PF-63R50H</a>  | <br>Cartridge/Axial Lead | 6 dia. x 30      | 10 - 40 A     | 500 VAC<br>500 VDC | 30 kA @ 500 VAC<br>20 kA @ 500 VAC                       |  |

## POWrFuse™ PHOTOVOLTAIC POWER FUSES

| Model Series               | Mounting Type                                                                                   | Dimensions (mm) | Rated Current | Rated Voltage      | Interrupting Rating                                    | Agency Recognition                                                                    |
|----------------------------|-------------------------------------------------------------------------------------------------|-----------------|---------------|--------------------|--------------------------------------------------------|---------------------------------------------------------------------------------------|
| <a href="#">PF-H (gPV)</a> | <br>Ferrule/C1 | 10 dia. x 38    | 15-30 A       | 600 VAC<br>600 VDC | 150 kA @ 600 VAC<br>50 kA @ 600 VDC<br>10 kA @ 600 VDC |    |
| <a href="#">PF-E</a>       | <br>Ferrule/C1 | 10 dia. x 38    | 15-30 A       | 1000 VDC           | 20 kA @ 1000 VDC                                       |    |
| <a href="#">PF-PVC150R</a> | <br>Ferrule   | 10 dia. x 85    | 4-30 A        | 1500 VDC           | 50 kA @ 15400 VDC                                      |  |

## POWrFuse™ SEMICONDUCTOR POWER FUSES

| Model Series              | Mounting Type                                                                                  | Dimensions (mm)                    | Rated Current | Rated Voltage      | Interrupting Rating                 | Agency Recognition                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------|------------------------------------|---------------|--------------------|-------------------------------------|---------------------------------------------------------------------------------------|
| <a href="#">PF-M</a>      | <br>Bolt/B1 | 17.2 dia. x 42                     | 50-180 A      | 240 VAC<br>150 VDC | 160 kA @ 240 VAC<br>50 kA @ 150 VDC |  |
| <a href="#">PF-SRC50E</a> | <br>Bolt/B1 | 17.5 dia. x 46                     | 32-100 A      | 500 VDC<br>690 VAC | 50 kA @ 500 VDC<br>100 kA @ 690 VAC |  |
| <a href="#">PF-F</a>      | <br>Bolt/B1 | 24.1 dia. x 91.6<br>35.2 dia. x 95 | 50-400 A      | 800 VAC<br>800 VDC | 100 kA @ 800 VAC<br>50 kA @ 800 VDC |  |

## POWrFuse™ EV POWER FUSES\* AUTOMOTIVE GRADE

| Model Series         | Mounting Type                                                                                  | Dimensions (mm) | Rated Current | Rated Voltage      | Interrupting Rating                                   | Qualifications |
|----------------------|------------------------------------------------------------------------------------------------|-----------------|---------------|--------------------|-------------------------------------------------------|----------------|
| <a href="#">PF-K</a> | <br>Bolt/B1 | 10 dia. x 38    | 30-50 A       | 275 VAC<br>500 VDC | 10 kA @ 275 VAC<br>20 kA @ 500 VDC<br>10 kA @ 450 VDC | ISO 8820       |

## POWrFuse™ TELECOM POWER FUSES

| Model Series         | Mounting Type                                                                                 | Dimensions (mm)  | Rated Current | Rated Voltage | Interrupting Rating | Agency Recognition                                                                    |
|----------------------|-----------------------------------------------------------------------------------------------|------------------|---------------|---------------|---------------------|---------------------------------------------------------------------------------------|
| <a href="#">PF-N</a> | <br>PCB/T2 | 14.6 dia. x 22.3 | 40-80 A       | 170 VDC       | 100 kA @ 170 VDC    |  |

\* Meets ISO8820-8 standard