

NEW PRODUCT BRIEF

Bourns® PF-G, PF-J and PF-H (Ind) Series Industrial Power Fuses

POWRfuse™ High-Power Fuses

INTRODUCTION

Bourns® POWrFuse™ High-Power Fuses are industrial fuse links designed to meet UL 248 and IEC 60269 standards. The new POWrFuse™ PF-J, PF-G and PF-H (Ind) model families are specially designed to meet UL284-1 and UL248-14 standards and protect systems in extreme ambient temperatures and fault current events.

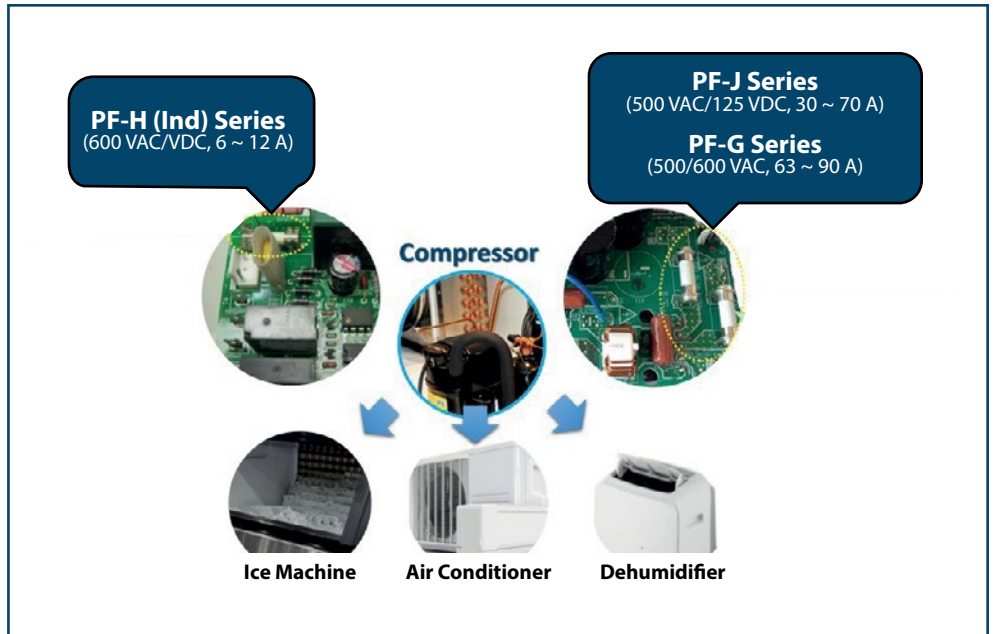
Bourns® POWrFuse™ PF-J, PF-G and PF-H (Ind) model series provide three mounting options for use in a variety of home appliance and industrial applications.

FEATURES

- Designed to meet UL 248-1 and 248-14 standards
- Up to 90 A and 600 VAC ratings available
- Up to 100 kA interrupting rating
- Low resistance and power loss
- Temperature range: -55 to +125 °C
- Ferrule and PCB mounting options
- RoHS compliant*
- Halogen free**

BENEFITS

- Global quality with local services
- The standard compliance and robust interrupting rating helps to ensure the safety and quality as well as minimal service calls, thereby minimizing the Total Cost of Ownership (TCO)
- Complete solution with Bourns® high current rating overvoltage protectors is listed under "MORE INFORMATION"



APPLICATIONS

- Air conditioning inverters
- Ice machine compressors
- Dehumidifier compressors

MORE INFORMATION

- [AC Power SPD: 1210 Series](#)
- [DC Power SPD: 1320 Series](#)
- [Power TVS \(PTVS\) Diodes](#)
- [High Energy MOVs](#)
- [High Current GDTs](#)
- [High Current Chokes](#)
- [High Current SinglFuse™ SMD Fuses: SF-3812 and SF-2923 Series](#)

HOW TO ORDER

POWRfuse™ Product Designator **PF - x xx - xx**

Series Name _____

Mounting Type _____

C1 = Ferrule/Type 1
T1 = PCB Mounting/Type 1
T3 = PCB Mounting/Type 3

Rated Current _____

63 = 63 A

PACKAGING SPECIFICATIONS

PF-J Series	80 pcs./box
PF-G Series	60 pcs./box
PF-HC1 Series.....	10 pcs./box
PF-HT1 Series.....	50 pcs./tray

*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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ELECTRICAL CHARACTERISTICS

Series	Rated Current	Rated Voltage	Interrupting Rating	Agency Recognition	Mounting Type		
					Ferrule (C1)	PCB (T1)	PCB (T3)
PF-J	30 – 70 A	500 VAC 125 VDC	2000 A @ 500 VAC 2000 A @ 250 VAC 1000 A @ 125 VDC				✓
PF-G	63 A	600 VAC 125 VDC	1500 A @ 600 VAC 2000 A @ 250 VAC 500 A @ 125 VDC				✓
	90 A	500 VAC	1500 A @ 500 VAC				
PF-H (Ind)	6 – 12 A	600 VAC 600 VDC	100 kA @ 600 VAC 100 kA @ 600 VDC		✓	✓	

PRODUCT DIMENSIONS

PF-H Series		PF-J / PF-G Series
Ferrule (C1) Type	PCB Mounting (T1) Type	PCB Mounting (T3) Type
<p>DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$</p>		<p>PF-J</p> <p>PF-G</p> <p>$\frac{\text{MM}}{\text{(INCHES)}}$</p>

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