



NEW PRODUCT RELEASE

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Announces New High Temperature PPTC Resettable Fuses

Model MF-RHS Series

Riverside, California – January 2, 2024 – The Bourns Multifuse Product Line is pleased to announce the release of the new [Model MF-RHS High Temperature Radial Leaded Polymer Positive Temperature Coefficient \(PPTC\) Resettable Fuse Series](#). The new series includes I_{hold} current ratings from 3.5 A to 13.0 A at 16 V maximum rated voltage, 100 A maximum rated current and a maximum operating temperature up to 125 °C.

The addition of the new Model MF-RHS Series provides a broader high temperature PPTC offering for applications with high working temperature and high power rating requirements – particularly in motor and industrial applications. The new Model MF-RHS Series utilizes Bourns' innovative design that increases the performance of the resettable fuse with:

- Higher hold current ratings (I_{hold})
- Higher maximum current ratings (I_{max})
- Improved resistance stability
- Smaller PPTC chip size

New Models				
MF-RHS350	MF-RHS400	MF-RHS450	MF-RHS500	MF-RHS550
MF-RHS600	MF-RHS650	MF-RHS700	MF-RHS750	MF-RHS800
MF-RHS900	MF-RHS1000	MF-RHS1100	MF-RHS1200	MF-RHS1300

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MF2316

The new Model MF-RHS Multifuse® PPTC Series products are RoHS compliant*, halogen free** and are produced in one of Bourns' IATF 16949 certified facilities.

For additional information, please visit the Bourns website at www.bourns.com. Should you have any questions, please feel free to contact [Bourns Customer Service/Inside Sales](#).

Series	I _{hold} (A)	I _{max} (A)	V _{max} (VDC)	Operating Temperature (°C)	RoHS Compliant*	Halogen Free**	Agency Recognition
MF-RHS	3.5 – 13	100	16	-40 to +125	Yes	Yes	UL, CSA

Features

- Operating temperature range up to 125 °C
- Higher hold currents at elevated temperatures
- Low thermal derating factor
- RoHS compliant*
- Halogen free**
- UL and CSA recognized

Applications

- Electronic equipment running at high operating temperatures
- Navigation, telematics, infotainment, electrical centers, junction boxes and power distribution
- DC motors
- EMI (Electromagnetic Interference) suppression
- Heating, Ventilation and Cooling (HVAC)
- Electronic Control Unit (ECU) I/O protection
- Power outlets, plugs and adapter/chargers
- Powered networks and buses

* 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.