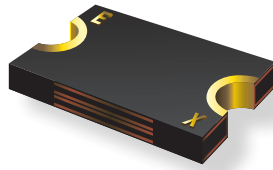




PRODUCT EXTENSION RELEASE

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Introduces an Extension of the Model MF-LSMF High Power Rating PPTC Resettable Fuse Series

Riverside, California – December 6, 2023 – The Bourns Multifuse Product Line is excited to introduce the extension of its [Model MF-LSMF](#) High Power Rating Surface Mount Polymeric Positive Temperature Coefficient (PPTC) Resettable Fuse Series. These latest additions broaden the hold current (I_{hold}) ranges down to 0.3 A and increase the maximum voltage (V_{max}) supported to 60 VDC, providing a wide array of options to choose from.

New Models			
MF-LSMF030X	MF-LSMF050X	MF-LSMF075/60X	MF-LSMF110/60X

The most recent lineup within the Bourns® Model MF-LSMF Series employs Bourns' pioneering freeXpansion™ design, elevating the performance of resettable fuses by incorporating higher hold currents, elevated voltages, enhanced resistance stability, and more compact footprints. These advances cater to various applications, primarily serving as safeguards for low voltage telecom equipment, Power over Ethernet (PoE) applications and 48 VDC power port protection. These components are designed to shield against both overcurrent and overtemperature events within the specified parameters of the products.



Series	Size (EIA)	I_{hold} (A)	V_{max} (VDC)	I_{max} (A)	cUL Listed	TÜV Listed	RoHS Compliant*	Halogen Free**
MF-LSMF030X ~ MF-LSMF600/12X	2920	0.3 ~ 6.0	6 ~ 60	40 ~ 50	✓ E174545	✓ R50256634	✓	✓

These newly introduced Bourns® Multifuse® MF-LSMF PPTC models are RoHS compliant* and hold UL/CSA/TÜV recognition for meeting safety criteria. The TÜV certifications encompass IEC 62319-1 and IEC 60738-1, as well as IEC 60730-1:2013 clause 15, clause 17, and Annex J. These products are manufactured in a Bourns IATF 16949 certified facility.

(Continued)

MF2319

Features

- Standard 2920 footprint
- Swift Time-to-Trip (TTT) for safeguarding against overcurrent events
- Excellent solderability with ENIG terminal
- Symmetrical design, low profile
- RoHS compliant* and halogen free**
- Agency recognition:  
- TÜV certifications cover IEC 62319-1, IEC 60738-1, and IEC 60730-1:2013, encompassing clause 15, clause 17, and Annex J

Applications

- Overcurrent and thermal protection for:
 - Low voltage telecom equipment
 - Powered ethernet IEEE 802.3af ports
 - 48 VDC power port protection
 - USB for POS and IPC
 - Industrial controls
 - Security systems

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

* 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.