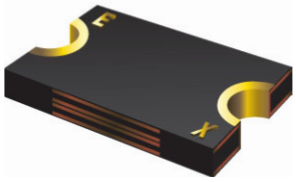
BOURNS®

PRODUCT EXTENSION **RELEASE**

MULTIFUSE® PPTC RESETTABLE FUSES



Bourns Multifuse Product Line Introduces the Expansion of the High Power Rating MF-LSMF Series PPTC Resettable Fuses

Riverside, California - February 27, 2026 – The Bourns Multifuse Product Line is excited to introduce the expansion of its MF-LSMF Series High Power Surface Mount Polymeric Positive Temperature Coefficient (PPTC) Resettable Fuses. The latest additions broaden the hold current (I_{hold}) ranges up to 7.0 A and increase the maximum voltage (V_{max}) to 72 VDC.

The most recent lineup within the Bourns® MF-LSMF Series employs Bourns' innovative freeXpansion™ design, elevating the performance of the resettable fuse 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 DC voltage ports in USB, IEEE 1394, Powered ethernet IEEE 802.3af ports, low-voltage telecom equipment, industrial control, security systems and portable electronics. These components are designed to shield against both overcurrent and overtemperature events within the specified parameters of the products.

Model	Size (EIA)	I_{hold} (A)	V_{max} (VDC)	I_{max} (A)	cUL Listed	TÜV Listed
MF-LSMF035/72X	2920	0.35	72	20	E174545	R50256634
MF-LSMF050/72X		0.50	72	20		
MF-LSMF075/72X		0.75	72	20		
MF-LSMF200/33X		2.0	33	40		
MF-LSMF260/33X		2.6	33	40		
MF-LSMF450/16X		4.5	16	40		
MF-LSMF550/16X		5.5	16	40		
MF-LSMF600/16X		6.0	16	40		
MF-LSMF700/12X		7.0	12	50		

Additional Information

DATA SHEET | PRODUCT SELECTOR | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT

** 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*

MF2603

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Please visit the Bourns website at www.bourns.com for additional product details and contact Bourns Customer Service/Inside Sales if you have any questions.

Features

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

Applications

- E-mobility
- Battery Management Systems (BMS)
- Autonomous Mobile Robots (AMRs)
- Data centers
- Industrial drone and UAV platforms
- Smart homes
- USB and PoE