

New Product Release

SINGLIFUSE™ SMD FUSES



Bourns SinglFuse Product Line Announces New Fast Acting, Fast Acting Low Voltage, and Time Lag SMD Fuse Family *Model SF-3812FG-T, SF-3812F-T and SF-3812SP-T Series*

Riverside, California – April 1, 2019 – Bourns is pleased to announce the introduction of three new families of Fast Acting, Fast Acting/Low Voltage, and Time Lag SMD fuses to complement its already successful line of SinglFuse™ SMD Fuse products.

The new SF-3812FG-T and SF-3812F-T model families are UL 248-14 listed, and the SF-3812SP-T model family is UL 248-14 listed and meets IEC 60127 requirements. All three families utilize a ceramic tube structure with gold plated end caps to achieve higher rated voltage and breaking capacity. These new model families are intended for use in a variety of power and battery protection applications including power supplies, voltage regulator modules, PC servers, storage systems, battery management systems, POE and Advance Telecommunication Computing Architecture (ATCA) applications.

Series	Size (EIA)	Fuse Type	Rated Current	Rated Voltage	UL Listed	Meets IEC 60127 Requirements	RoHS Compliant*	Halogen Free**
SF-3812F-T	3812	Fast Acting	10 A – 35 A	250 Vac	Yes	-	Yes	Yes
SF-3812FG-T	3812	Fast Acting Low Voltage	20 A – 30 A	125 Vac	Yes	-	Yes	Yes
SF-3812SP-T	3812	Time Lag	1.25 A	250 Vac	Yes	Yes	Yes	Yes

Bourns continues to broaden its portfolio of SinglFuse™ SMD Fuses to address the growing need for effective circuit protection in a variety of applications including telecom and networking equipment, PCs and monitors, server farms, portable memory, portable electronics, gaming systems, robotics, smart appliances, battery chargers, and industrial controllers.

Bourns® SinglFuse™ SMD Fuse products are RoHS compliant* and halogen free**. For additional information on Bourns® SinglFuse™ products, please visit the Bourns website at www.bourns.com/products/circuit-protection/singlfuse-smd-fuses. Should you have any questions, please feel free to contact [Bourns 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.

Features

- Single blow fuse for overcurrent protection
- Ceramic tube wire-in-air design
- EIA 3812 size footprint
- Surface mount packaging for automated assembly
- UL 248-14 listed and Model SF-3812SP-T meets IEC 60127 requirements
- RoHS compliant* and halogen free**

Applications

- Storage Systems
- Power Supplies
- Voltage Regulator Modules
- Battery Management Systems
- POE, POE+
- Protection on PCBs
- Advance Telecommunication Computing Architecture (ATCA) Applications
- Power Adaptors
- Power Boards
- Voltage Regulator Modules
- Medical Equipment (low/medium risk)***

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*** Bourns® products have not been designed for and are not intended for use in "lifesaving," "life-critical" or "life-sustaining" applications nor any other applications where failure or malfunction of the Bourns® product may result in personal injury or death. See Legal Disclaimer Notice <http://www.bourns.com/docs/legal/disclaimer.pdf>.