

# New Product Release

SINGLFUSE™ SMD FUSES



## ADVANCE NOTICE

### Bourns SinglFuse Product Line Announces New High Current and Ultra-High Current SMD Fuses Model SF-2923HC-C and SF-2923UC-C Series

Riverside, California – *TO BE RELEASED JANUARY 25, 2019* – Bourns is pleased to announce the introduction of two new families of high current and ultra-high current SinglFuse™ SMD Fuses to complement its already successful line of SinglFuse™ SMD Fuse products.

The new Model SF-2923HC-C and Model SF-2923UC-C fuse families utilize a robust ceramic cube housing with silicone insulation and a single fuse-termination element, enabling the products to achieve higher inrush current withstand with greater reliability in harsh environments and more effective fusing action when opening. Both model families are UL 248-14 listed and are intended for use in a variety of power applications including lithium-ion battery packs for power tools and electric assist bicycles, battery energy storage systems (BESS), and uninterruptible power supplies (UPS), as well as power distribution units (PDUs), blade servers, and a variety of other applications where high current, high voltage, and high breaking capacity are required.

Series	Size (EIA)	Fuse Type	Rated Current	Rated Voltage	UL Listed	RoHS Compliant*	Halogen Free**
SF-2923HC-C	2923	High Current	20 A to 50 A	60 Vdc	Yes	Yes	Yes
SF-2923UC-C	2923	Ultra-High Current	20 A to 100 A	80 Vdc	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 high-power battery systems, telecommunications and networking equipment, PCs and peripheral devices, server farms and portable memory, handheld electronics and gaming systems, robotics, smart appliances, and industrial controls.

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](http://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 cube housing design
- EIA 2923 footprint
- Surface mount packaging for automated assembly
- UL 248-14 listed
- RoHS compliant\* and halogen free\*\*

### **Applications**

- Power Tools
- Electric Assist Bicycles
- Battery Energy Storage Systems (BESS)
- Blade Servers
- Uninterruptible Power Supplies (UPS)
- Power Distribution Units (PDUs)