

DESIGN KIT RELEASE

SINGL FUSE™ SMD FUSES



Bourns Introduces New SinglFuse™ SMD Fuse Design Kits

Model SF-KIT-AUTO-1, SF-KIT-AUTO-2, SF-KIT-HC-1, SF-KIT-HV-1 and SF-KIT-IEC-1

Riverside, California – TO BE RELEASED JULY 19, 2021 – Bourns is pleased to announce the release of five new SinglFuse™ SMD Fuse Design Kits: Model SF-KIT-AUTO-1, SF-KIT-AUTO-2, SF-KIT-HC-1, SF-KIT-HV-1 and SF-KIT-IEC-1.

These new design kits contain a selection of automotive grade, high current, high voltage and IEC certified models in 0603, 1206, 2410 and 3812 footprints to provide design engineers with a variety of overcurrent protection solutions across a range of rated currents and voltages for quick-turn prototype testing. These five new design kits will complement Bourns' existing SinglFuse™ SMD Fuse Design Kits: Models SF-LAB1, SF-FP-LAB1 and SF-SP-LAB1.

Design Kit	Category	Component Series Included	Footprint	Rated Current	Rated Voltage	AEC-Q200 Compliant*
SF-KIT-AUTO-1	Automotive Grade	SF-1206SA-W / SF-2410FPA-W / SF-2410FA-W	1206 - 2410	1 - 20 A	32 - 250 Vdc	Yes
SF-KIT-AUTO-2	Automotive Grade	SF-0603SA-M / SF-0603HIA-M	0603	0.5 - 8 A	24 - 65 Vdc	Yes
SF-KIT-HC-1	High Current	SF-1206S-W / SF-1206HH-M / SF-1206HV-M / SF-2410F-W / SF-2410F-T / SF-2410FP-W / SF-2410FP-T	1206 - 2410	10 - 40 A	65 - 125 Vac 24 - 125 Vdc	
SF-KIT-HV-1	High Voltage	SF-2410FP-W / SF-2410SP-W / SF-3812F-T / SF-3812SP-T / SF-3812TL-T / SF-3812TM-T	2410 - 3812	0.5 - 50 A	250 - 600 Vac 80 - 250 Vdc	
SF-KIT-IEC-1	IEC Certified	SF-1206S-W / SF-2410FP-W / SF-2410SP-W / SF-3812SP-T / SF-3812TL-T	1206 - 3812	0.5 - 8 A	250 - 280 Vac 32 - 250 Vdc	

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Bourns continues to broaden its portfolio of [SinglFuse™ SMD Fuses](#) to address the growing need for effective overcurrent protection in a variety of applications including transportation, telecom and networking equipment, computing and server storage, portable memory, handheld electronics and gaming systems, smart appliances, battery charging and power management, robotics and industrial automation.

Bourns® SinglFuse™ SMD Fuse products are UL [recognized/listed], RoHS compliant**, and halogen free***, with some being IEC certified****. 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 [Customer Service/Inside Sales](#).

*Meets Bourns' internal AEC-Q200-equivalent test plan.

** 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.

**** Select models are IEC certified; see data sheets.