BOURNS®

PRODUCT EXTENSION **RELEASE**

SENSORS & CONTROLS



Bourns Announces the Expansion of the SSA-2 Series Analog Current Sensor

AEC-Q Compliant Components Assembly Option

Riverside, California - March 26, 2026 – In line with our commitment to provide products with innovative designs, superior quality and exceptional value, the Bourns Sensors and Controls Product Line is proud to announce the expansion of the SSA-2 Series Analog Current Sensor. This new extension offers the option to be assembled with AEC-Q200 compliant components.

The SSA-2 Series delivers ±0.2 % initial accuracy, 300 kHz bandwidth, and 1.6 µs reaction time. These analog current sensors are immune to stray magnetic fields, require no calibration, and provide precise AC/DC measurements with low noise. Compared to Hall Effect technology, they offer greater stability, wider bandwidth, and easier integration.

This series is well-suited for a wide variety of battery-related current sensing applications including large-scale energy storage banks, renewable energy generation infrastructure, industrial motor drives, building automation systems and fuel cells.

Features

- Nominal current: 100 A to 1000 A
- AC or DC circuits
- 1500 VDC reinforced isolation
- Tolerance of ±0.2 %
- Amplified differential output: ±2.5 V peak
- RoHS compliant*
- Assembled using AEC-Q compliant components (optional)

Applications

- EV charging stations
- Battery systems
- Renewable energy
- Motor drives

For additional information, please visit the Bourns website at https://www.bourns.com. If you have any questions, please contact Bourns Customer Service/Inside Sales.

Additional Information

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

** RoHS Directive 2015/863, Mar 31, 2015 and Annex.*

SC2602

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