



# 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  $\pm 0.2\%$  initial accuracy, 300 kHz bandwidth, and 1.6  $\mu\text{s}$  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  $\pm 0.2\%$
- Amplified differential output:  $\pm 2.5\text{V}$  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.

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