



PRODUCT EXTENSION RELEASE

SENSORS & CONTROLS PRODUCTS

REVISED February 20, 2025



Bourns Announces the Release of the Riedon™ SSA-2 Series Analog Current Sensor by Bourns

Riverside, California – December 2, 2024 – In line with our commitment to provide products with innovative designs, superior quality and exceptional value, Bourns® Sensors and Controls announces the release of the [Riedon™ SSA-2 Series Analog Current Sensor by Bourns](#).

The SSA-2 Series includes innovatively designed analog technology that could offer higher performance than Hall Effect technology, with $\pm 0.1\%$ sensing accuracy and $\pm 0.1\%$ linearity over their entire current range, with low susceptibility to temperature drift.

This new product 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.

Basic features and applications include the following:

Features

- 100 A to 1000 A Nominal current
- AC or DC circuits
- 1500 VDC Reinforced isolation
- Amplified differential output, ± 2.5 V peak
- $\pm 0.2\%$ Tolerance
- RoHS compliant*

Applications

- Battery systems
- UPS systems
- Renewable energy
- Motor drives
- Frequency inverters
- Fuel cells

Samples and production quantities are now available. For your convenience, the data sheet and Material Declaration Sheets are now available at www.bourns.com. For more information on Bourns® Sensors & Controls products, check out our additional available resources in the [Bourns® Sensors & Controls Technical Library](#).

Should you have any questions or need additional information, please contact [Bourns Customer Service/ Inside Sales](#).

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

"Bourns" is a registered trademark of Bourns, Inc. in the United States and other countries.

In April 2023, BE Services Company, Inc., a subsidiary of Bourns, Inc., purchased certain assets of Riedon, Inc., including its logo and trademarks and the right to continue to manufacture former Riedon™ products.

The "Riedon Logo" is a registered trademark of BE Services Company, Inc. in the United States.

"Riedon" is a trademark of BE Services Company, Inc.

SC2427REV