



PRODUCT EXTENSION RELEASE

RESISTORS



Bourns Announces New Packaging Option for Riedon™ Industrial Shunt Resistors *RS, RSH, RSI, RSJ, RSK, RSN and RSW Series*

Riverside, California - April 30, 2025 – Bourns is pleased to announce a new packaging option for the recently released Riedon™ Industrial Shunt Resistors. The [RS](#), [RSH](#), [RSI](#), [RSJ](#), [RSK](#), [RSN](#) and [RSW](#) Series are now being offered as individually packaged single units, in addition to the existing standard packaging.

These industrial shunts provide a rugged and accurate means of measuring a wide range of currents with many mounting configurations available to meet virtually any mounting requirement.

These shunts are suitable for applications like power supplies, battery management systems, AC-DC power converters, and heavy industry applications such as electroplating, mining, etc.

Features

- **High Current Ratings:** Ranging from 1 A to 6000 A, suitable for solar
- **RoHS Compliant*:** Ensures safety and environmental compliance
- **Low Resistance Values:** Achieved using Manganin™ resistive elements
- **Custom Output Voltages:** Flexibility for different ammeter designs
- **Temperature Stability:** Operating range from -40 °C to +100 °C
- **Compact Design:** Ideal for space-constrained applications
- **Center-Mounted Voltage Taps:** Simplifies connection to ammeters

Applications

- Battery Management Systems (BMS)
- Power supplies
- Power converters (AC-DC)
- Solar generators, wind power
- Heavy industry applications, electroplating, mining
- Battery chargers

Visit the Bourns Technical Library for application notes, white papers, and other resistor technical documents: <https://www.bourns.com/resources/technical-library/library-documents/resistors-technical-library>. For further details on these exciting new models, please contact [Customer Service/Inside Sales](#).

Additional Information

[DATA SHEETS](#)[PRODUCT SELECTOR](#)[TECHNICAL LIBRARY](#)[INVENTORY](#)[SAMPLES](#)[CONTACT](#)

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

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

"Manganin" is a trademark of Isabellenhütte Heusler GmbH & Co.

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.

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