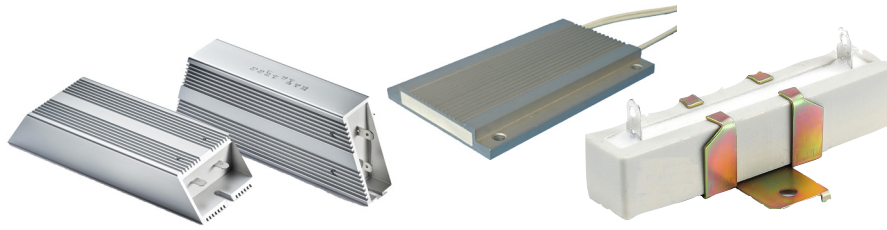




PRODUCT ACQUISITION RELEASE

RESISTORS



Bourns Releases Riedon™ High Pulse Braking Resistors

Riverside, California – November 15, 2024 – Bourns is pleased to announce the introduction of Riedon™ High Pulse Braking Resistors by Bourns. Designed for high energy pulse applications, these products offer exceptional power ratings, extended temperature ranges, and various package options to aid in dissipating energy from inductive and capacitive loads.

Included in this release are aluminum metal clad (Model [BR/BRT](#) and [BRS](#) Series) and ceramic housed (Model [UWP](#) Series) wirewound resistors that serve applications such as power converters, Battery Energy Storage Systems (BESS), capacitor recharge/discharge circuits, and industrial power supplies, inverters, and motor drives.

Designers looking to dissipate large energy pulses within high reliability applications will find Riedon™ High Pulse Braking Resistors by Bourns a dependable and rugged solution.

Series	Product Image	Power Rating (W)	Tolerance	Resistance Range (Ohms)	Temperature Coefficient (TCR) (PPM/°C)	Temperature Range (°C)
BR / BRT		50-500	±1 %, ±5 %, ±10 %	0.1-1K	< ±260 ppm	-55 to +200
BRS		100-500	±1 %, ±5 %, ±10 %	1-5K	< ±260 ppm	-55 to +200
UWP		20-100	±1 %, ±5 %	0.5-1K	< ±260 ppm	-55 to +275

*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.

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

Features

- Aluminum metal clad and ceramic wirewound resistors in several compact package options
- Excellent pulse handling capabilities with power ratings up to 500 W
- Exceptional heat dissipation with operating temperatures up to +275 °C
- Non-inductive windings available for minimal attenuation
- RoHS compliant*

Applications

- AC-DC, DC-DC power converters
- Battery Energy Storage Systems (BESS)
- Capacitor recharge/discharge circuits
- Industrial power supplies, inverters and motor drives
- Battery chargers