



# NEW PRODUCT RELEASE

## RESISTORS



### Bourns Releases Riedon™ Power Resistors PF2270 Series

Riverside, California - June 27, 2025 – Bourns is pleased to announce the introduction of the Riedon™ [PF2270 Series](#) by Bourns. The PF2270 series utilizes thick film technology and is available in a standard TO-227 package. These products offer low inductance, power ratings of 300 W, a wide resistance value range from 0.1 ohms to 100k ohms, and resistance tolerance options of 1 % and 5 %.

This series is ideal for current limiting, current measurement, and capacitor discharge applications. Industrial motor drives, power conversion, and battery energy storage systems are suitable for design-in. The introduction of the PF2270 series strengthens the Bourns® high-power resistor products, offering customers more options to meet their requirements and applications.

Series	Power Rating (W)	Tolerance	Resistance Range (Ω)	Temperature Coefficient (TCR) (PPM/°C)	Temperature Range (°C)
PF2270	200 – 300	± 1 %, ± 5 %	0.1 – 100k	± 100	-55 to +155

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](http://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

- Formerly a Riedon™ product
- Resistances from 0.1 ohms to 100k ohms
- Power rating to 300 watts
- Resistance tolerances to ±1 %
- TCR of ±100 PPM/°C
- TO-227 (TO-238) housing
- Isolated backplate
- Moisture resistant encapsulation
- M4x5mm screws included
- Excellent pulse handling
- 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
- Current sensing

#### Additional Information

[DATA SHEET](#)[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.

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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