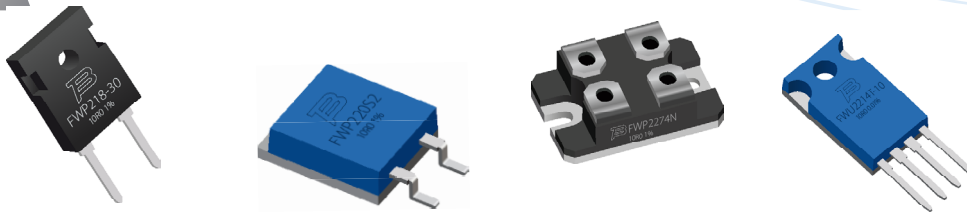




NEW PRODUCT RELEASE

RESISTORS



Riedon™ FWP218, FWP22x, FWP227x and FWU Series Foil Resistors by Bourns

Riverside, California - November 25, 2025 – Bourns is pleased to announce the introduction of the Foil Resistor product portfolio with the release of the Riedon™ [FWP218](#), [FWP22x](#), [FWP227x](#) and [FWU](#) Series by Bourns.

These resistors are constructed using metal foil technology for enhanced accuracy and reliability. Bourns offers these products in D²PAK, TO-220, TO-221, TO-227, and TO-247 packages. These products can also be customized upon request.

The new Riedon™ Foil Resistors by Bourns are designed to provide highly accurate and rugged performance for current sensing applications. The new model series are optimal solutions for a wide range of precision test and measurement and industrial applications.

Series	Package	Power Rating (W) with Heat sink	Resistance Range (Ω)	TCR (ppm/°C)	Tolerances
FWP218	TO-247	15 and 30	0.02 to 50	±30 to ±300	±0.25 %, ±0.5 %, ±1 %, ±2 %, ±5 %
FWP22x	TO-220 TO-221	15	0.002 to 10	±25 to ±70	±0.1 %, ±0.25 %, ±0.5 %, ±1 %, ±2 %, ±5 %
FWP227x	TO-227	60 and 80	0.001 to 100	±25, ±50	±0.1 %, ±1 %, ±2 %, ±5 %
FWU	TO-220, D ² PAK	6, 10 and 15	0.02 to 150k	±1 to ±5	±0.01 %, ±0.02 %, ±0.05 %, ±0.1 %, ±0.25 %, ±0.5 %, ±1 %

For more details, please visit the Bourns website at www.bourns.com. If you have any questions or need additional information, please feel free to contact [Bourns Customer Service/ Inside Sales](#).

Features

- Very high power: 6 to 80 W
- Resistances: 0.001 Ω to 150k Ω
- Excellent long term stability
- TCR: ±1 to ±300 PPM/°C
- Variety of packages available
- Customization available
- RoHS compliant*

Applications

- Current sense
- Industrial
- Consumer
- Telecommunications
- Battery Management Systems
- DC/DC converters
- Motor drives

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.
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.
"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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