BOURNS®

NEW PRODUCT RELEASE

RESISTORS



Bourns Releases New SC2 Series Surface Mount Wirewound Resistors

Riverside, California - September 18, 2026 – The Bourns® SC2 Series is a high-precision, four-terminal surface mount wirewound resistor designed for demanding current sensing and power applications. The series offers a resistance range from 0.005 Ω to 1 kΩ, tolerances down to ±0.005 %, and TCR to ±5 ppm/°C. It supports currents up to 25 A and an operating temperature range of -55 °C to +275 °C. Optional non-inductive winding variants support high-frequency environments.

Series	Power Range @ 70 °C (W)	Maximum Current (A)	Dielectric Strength (VAC)	Resistance Range (Ω)	Tolerance (%)	Operating Temperature (°C)
SC2	2	25	1,000	0.005 - 1k	±0.1, ±0.05	-55 to +275

Please visit the Bourns website at www.bourns.com for additional product details and contact Bourns Customer Service/Inside Sales if you have any questions.

Features

- Resistances from 0.005 Ω to 1 kΩ
- Tolerances to ±0.005 %
- TCR to ±5 ppm/°C
- Superior surge handling capability
- Tape and reel packaging
- Non-inductive windings available
- RoHS compliant*

Applications

- Battery formation & battery test equipment
- DC fast chargers
- Pulse power systems
- Power analyzer & precision wattmeter shunts
- Circuit breaker & protection relay testing
- Industrial motor drives & inverters

Additional Information

DATA SHEET | PRODUCT SELECTOR | TECHNICAL LIBRARY | INVENTORY | SAMPLES | CONTACT

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

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