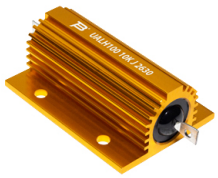
BOURNS®

NEW PRODUCT RELEASE

RESISTORS



Bourns Releases UALH Series Aluminum Housed High Power Wirewound Resistors

Riverside, California - September 25, 2026 – The Bourns® UALH Series Aluminum Housed High Power Wirewound Resistors are fixed resistors engineered for stability and reliability under demanding electrical and thermal conditions. Advanced wirewound construction is protected by a silicone molding compound and enclosed in an aluminum shell to optimize heat dissipation. The series offers a resistance range of 0.5 Ω to 22 kΩ, with ±5 % tolerance, and operates from -55 °C to +275 °C.

Series	Power Rating with Heatsink @ 25 °C	Power Rating without Heatsink @ 25 °C	Maximum Working Voltage	Dielectric Withstanding Voltage	Resistance Range	Max. Rated Current[1]	Tolerance	Temperature Coefficient of Resistance (TCR)
UALH	100 W	30 W	1483 V	4500 V	0.5 Ω - 22 kΩ	14.14 A	±5 %	±350 ppm/°C

1. Rated Current (A) is calculated as √(P / R), and must not exceed the maximum working current

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

- Power rating of 100 W with heat sink
- Resistance of 0.5 Ω to 22 kΩ
- Operating temperature range: -55 °C to +275 °C
- RoHS compliant* and halogen free**

Applications

- Industrial motor controls
- Industrial power supplies
- High power machinery

Additional Information

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

**RoHS Directive 2015/863, Mar 31, 2015 and Annex.*
*** Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.*

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