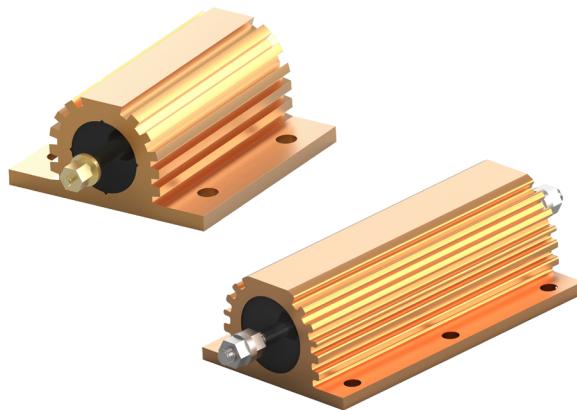


# INTRODUCING ALUMINIUM HOUSED POWER RESISTORS

## Type HS Series

- **High stability to high power**
- **Reliable for use in pulse applications**



TE Connectivity (TE) is one of the leading European suppliers of standard and custom designed aluminium housed resistors for general-purpose use, power supplies, power generation and the traction and drives industries. The HS Series product offering, a range of extremely stable, high-quality wire wound resistors are made from quality materials for optimum reliability and stability, capable of dissipating high power in a limited space with relatively low surface temperature. The aluminium housing in these resistors help rapidly dissipate power to a specified heat sink.

This latest revision of the datasheet introduces two new additions to the series: the HSCH stud terminal type HSC75, 100, and 150, and the HSCH type with power ratings from 350W to 500W, giving this series the widest range of power ratings currently on offer. TE is happy to advise on the use of these resistors for pulse applications and high voltage use. On request, TE can modify and test these resistors specifically to conform to relevant international, military or customer specifications. Low ohmic values, alternative mountings, and alternative termination types are also available on request.

### BENEFITS

- Wide range of power provides uses for different applications
- High acceptability due to custom design offerings on demand

### FEATURES

- High range offerings from 5 Watts to 500 Watts providing the largest range on the market
- Custom designs windings, terminations and mountings
- Capable of dissipating high power in a limited space with relatively low surface temperature

### APPLICATIONS

- Battery energy storage systems
- Electric vehicle industry
- Motion & Drives

### ELECTRICAL

- Higher rated powers
- Wirewound resistor element

### MECHANICAL

- Aluminium housed chassis mounted
- Solder lug termination
- M6 threaded stud terminal

### LEARN MORE

- [Aluminium Housed Power Resistors Product Page](#)
- [Aluminium Housed Power Resistors Datasheet](#)
- [Aluminium Housed Power Resistors Partlist](#)
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