

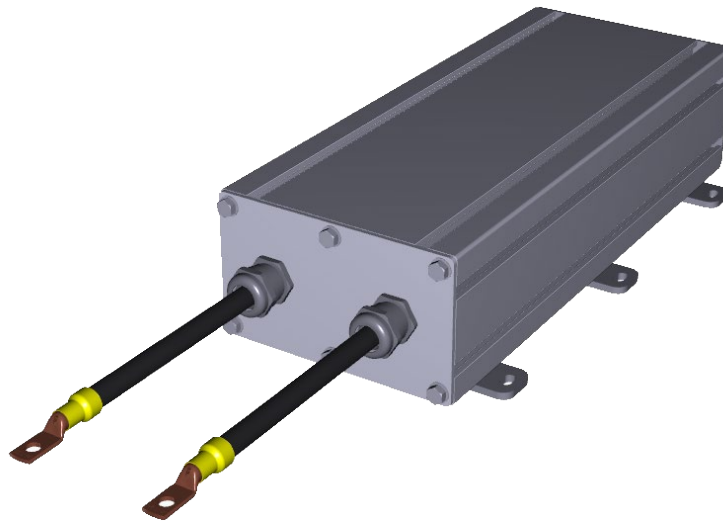


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New AHR400 High Energy Resistor Assembled in Aluminum Housing

Vishay offers a variety of power resistors based on wirewound and metal plate technology, including a large range of packages to absorb energy. Now we're launching a device assembled in an aluminum housing with cable output to withstand high voltage levels. The AHR400 offers a complete solution to meet harsh environmental constraints, with an IP54 protection class and robust dielectric level.



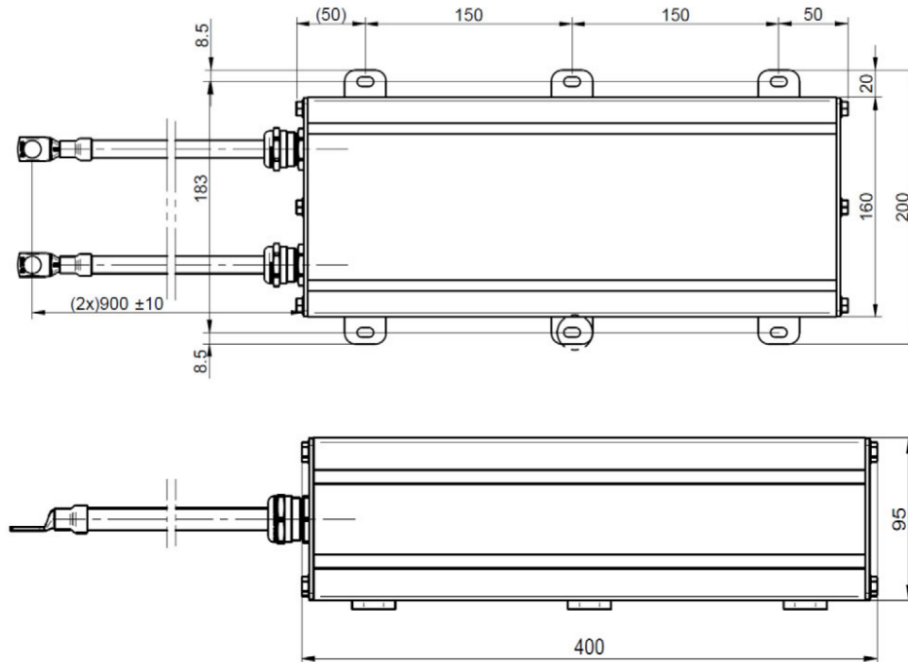
The resistor features an extremely compact solution for the energy levels it absorbs – 400 mm x 160 mm x 95 mm for up to 600 kJ. This allows designers to take advantage of the AHR400's performance without having to manage the creeping distance and high temperatures around the resistor. In addition, with its high protection class, the device can be fixed in any environment.

Key Advantages

- ✓ **Compact solution:** measuring 400 mm x 160 mm x 95 mm, it's the most wirewound compact solution for up to 600 kJ
- ✓ **Waterproof:** IP54 protection class
- ✓ **Customizable:** the shape of the aluminum housing (length), in addition to the cable length and shoe, can be adapted upon customer request
- ✓ **Protection:** there's no need to manage the creeping distance, high temperature, or potential direct contact with the resistor, as it is encapsulated



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Main Features

- ✓ Energy level: up to 600 kJ
- ✓ Ohmic value: 1 Ω to 22 Ω (others on request)
- ✓ Maximum operating voltage: 3600 V standard (7200 V optional)
- ✓ Dielectric strength: 7.5 kV standard (11 kV optional)
- ✓ Output cable : 25 mm² type EN 50382-2
- ✓ Customizable profile: the length and mechanical fixing can be adapted upon customer request
- ✓ Interfacing: cable output can be adapted according to customer request
- ✓ Output variants: other cable, thermal switch, etc.
- ✓ Dimensions: 400 mm x 160 mm x 95 mm (resistor box)
- ✓ Temperature range (on request): -55 °C to +250 °C
- ✓ Part number: AHR400

Useful Links

- [AHR400 product page](#)

Contact Information

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