

METALLIC LOAD BANK RESISTORS PRODUCT INFORMATION

Kanthal® is a world-leading brand for products and services in the areas of industrial heating technology and resistance materials. Utilizing our knowledge of materials coupled with our design and manufacturing expertise, Kanthal® load bank resistors are ideally suited for high power load requirements.

APPLICATIONS

Our load bank resistors are typically used for high power load testing of emergency power systems including generators, uninterruptible power supplies, turbines, battery systems and dynamic braking power dissipation for generators and large motors.

SPECIAL FEATURES

Our metallic load elements feature the following design advantages:

- Use of Kanthal® alloys for longer element life and consistent operating performance.
- Load elements are fully supported across their entire length by vibration resistant stainless steel support rods with high temperature ceramic insulators.
- Ceramic insulators have excellent thermal shock resistance making them ideally suited for use in extreme climates.
- Load elements assembled in discrete trays designed for modularity.
- Spiral element design allows for much greater power density and heat dissipation.



SPECIFICATIONS

- Load elements designed for compatibility with all typical voltages.
- Each load element rated for 8.33kW 240/480V
- Maximum metallic alloy overload temperature: 1300°C.
- Maximum operating temperature as applied in load system: 600°C.

KANTHAL® – PART OF SANDVIK GROUP

Kanthal heating and resistor technology products and services belong to Sandvik, a high-technology, engineering group with advanced products and a world-leading position within selected areas. Worldwide business activities are conducted through representation in more than 130 countries. In 2016 the Group had about 43,000 employees with annual sales of approximately 82 billion SEK.