

Mica Band Heaters



Mica & Mineral Band Heater from Heaters Controls & Sensors are available in various sizes, voltages, wattage's, and constructions to suit every application. The Mica Insulated Band Heater is used for temperatures to 900°F. The Mineral Insulated Band Heaters is used for temperatures to 1400°F. The Mica & Mineral Band Heater can be internally or externally heated, full or split case for easy removal or installation and supplied with various types of leads as shown.

Mica & Mineral Band Heater Features:

- Sheath temperatures to 1400°F (760°C) mineral insulated
- Split case design for easy removal and installation
- Nichrome ribbon resistance wire precision wound
- Mica/mineral insulation thin construction for quick heat transfer
- Contamination resistant closed ended heater construction
- Superior heat transfer due to minimum spacing between wire and sheath
- Single set of leads possible on split case heaters

Mica & Mineral Band Heater Specifications Design Capabilities:

Dimensions. Minimum Inner Diameter 0.750"
Maximum Diameter Consult HCS
Maximum width 2 X diameter Consult HCS
Voltage. 12 volts to 600 Volts AC/DC 1 or 3 Phase
Watt Densities. Maximum to 100 watts/in Mineral Insulated
Maximum Current. 30 Amps Post Terminals 8.5 Amps per Pair
Options. Holes along the heater at required location
Cutouts or slots of various dimensions
Partial Coverage for sectional heating
Larger Gaps at clamping end for sensors etc.
Ground Wire or Lug for safety
2 Piece Split Case or Hinged construction
European Plug / Terminal Box
Internal Thermocouple. . . . Available J, K
Thermocouple Location. . . . Sheath

To Order a Mica & Mineral Band Heater Please Provide:
Watts, Volts, Inner Diameter, Width, Lead Length, Type of leads, Options.

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