



Braking Resistors

BW155/5000/32

Construction

This range of braking-resistors has been specially designed for use in dusty or damp environments and the units are sealed to IP64. Therefore, the resistors are particularly suitable for outdoor applications, or where there is an explosion hazard associated with dust or powder deposits.

All connections are bonded for EMC earthing purposes and terminations are brought to a central junction box.

The resistor elements are embedded in aluminium heat-sinks and surrounded by a filling material which has high temperature-dynamic characteristics, as well as being an excellent insulator. Cavities are sealed with silicon for protection against moisture and dust.

Power ratings

The braking resistor shown in this data-sheet is rated for 5000 Watts power and 32 Ohms resistance. The largest unit in this series is rated for 12000 Watts but in theory there is no limit because several units could be connected together.

Technical Details

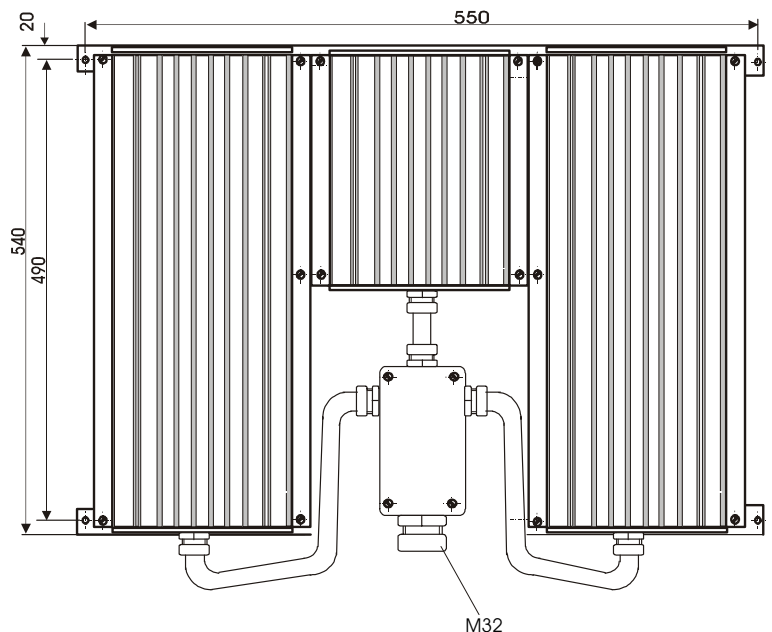
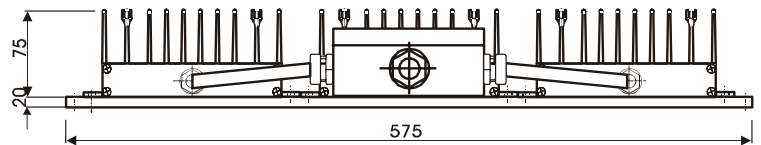
Maximum voltage: 900V

IP Rating: IP64

Maximum temperature: 250°C

Test voltage: 4 kV

Duty Cycle: 100%



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