

55 W - 100 W – 147 W insulated resistance heaters



General characteristics

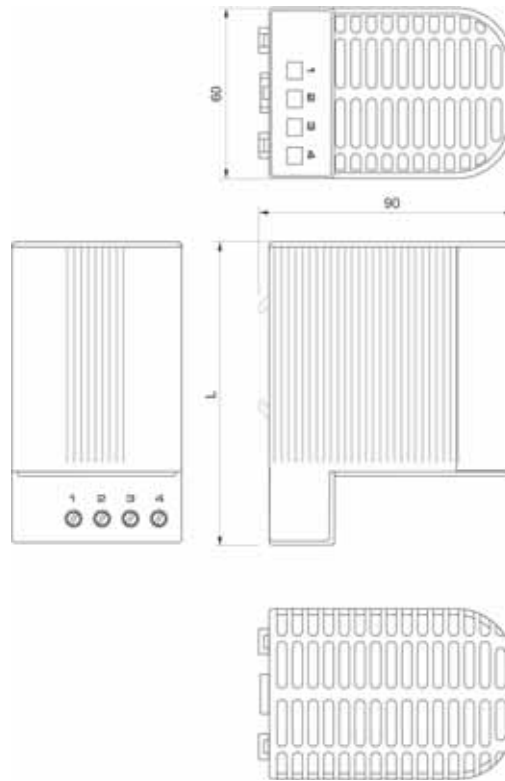
- Compact resistance heater which prevents the formation of condensation and ice.
- Designed for a better natural convection and a high thermal performance.
- Extremely compact resistance heater.
- Extruded aluminium body.
- Features a plastic cover UL94 V0, light grey, to avoid direct contact with the aluminium radiator.
- Surface temperature limited to 70 °C.
- Fitted with an insulated cable 2.5 mm².
- Double insulated.
- PTC technology range.
- Quick attachment by clips into 35 mm DIN rail (EN 50022).
- Certifications compliant with UL and VDE and EC Marking.

Usage conditions

- The resistance heaters should be used with a hygrometer switch or a thermostat (thermostat 87561 or 87558, hygostat 87560) to control temperature or humidity within the enclosure.
- The enclosure should be sealed to prevent the entry of external air.
- An electrical protection device should be installed on the supply side of the unit.

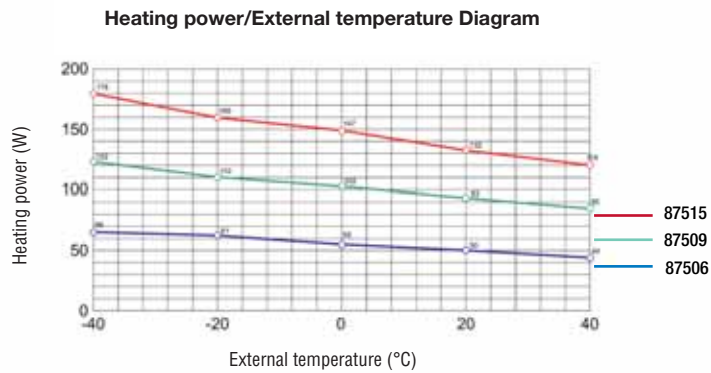
Characteristics	Reference								
	87506	87518	87521	87509	87523	87528	87515	87536	87540
Power at 0°C	55 W			102 W			147 W		
Voltage	AC/DC 110-250V	AC/DC 110-250V	AC/DC 270-420V	AC/DC 110-250V	AC/DC 12-36V	AC/DC 270-420V	AC/DC 110-250V	AC/DC 12-36V	AC/DC 270-420V
Technology	PTC								
Surface temperature	<70°C, except for grill for higher protection								
Electrical connection	Four-pole terminal for 2.5 m ²								
Quick attachment	By clips into 35 mm DIN rail (EN 50022)								
Cover	Plastic UL94 V0								
Operating position	Vertical								
Operating temperature	-40...+70°C			-10...+158°F					
Degree of protection IP	Class II IP 20 (double insulated)								
Certifications	Compliant with VDE and UL on request								

Dimensions



Reference	L (mm)
87506	110
87509	110
87515	150

Performances diagram



1 Ventilation systems

2 Air-air exchangers

3 Air-water exchangers

4 Cooling units

5 Resistance heaters

6 Control devices

7 Calculation and selection aid software