

10 W and 20 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.
- Double insulated.
- PTC technology range.
- Quick attachment by clips into 35 mm DIN rail.
- 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			
	87501	87504	87502	87512
Power at 0°C	10W		20W	
Voltage	AC/DC 110-250V	AC/DC 12-36V	AC/DC 110-250V	AC/DC 12-36V
Technology	PTC			
Surface temperature	<70°C, except for grill for higher protection			
Electrical connection	Insulated cable			
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)
87501	98
87502	98

