

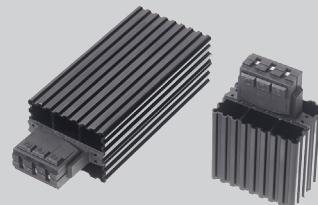


## Important Safety Notice

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'. Factors such as correct selection of components, cable sizing, protective devices and Earth bonding are all critical and should be checked prior to full testing and power-up. Any other regulations applicable to the equipment being installed such as the Machinery Directive and current health and safety legislation must also be adhered to.

All connections (including factory made) must be checked for the correct tightness prior to

**DO NOT USE POWER TOOLS ON THESE PRODUCTS**

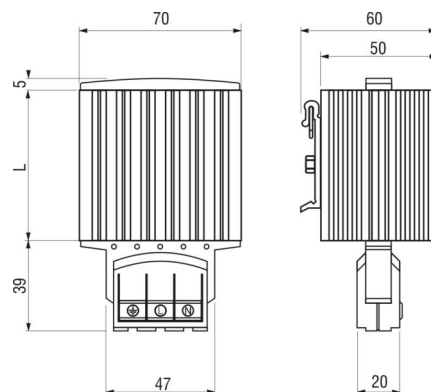


## Dimensions

- Din Rail Mounting
- Pressure clamp connectors
- Dynamic heating up
- Wide voltage range
- Energy saving
- Clip fixing
- Quick installation

These heaters are used in enclosures where damage from condensation must be prevented, or where the temperature may not fall below a minimum value.

The aluminium profile heater body design has a chimney effect and distributes the heat evenly. The heaters are designed for permanent operation. Pressure clamp connectors save time and simplify installation.



## Technical Data Specification

<b>Operating Voltage</b> <sup>1</sup>	AC/DC 120-240 V (min. 110 V, max. 265 V)
<b>Heating Element</b>	PTC resistor - temperature limiting
<b>Heater Body</b>	extruded aluminum profile, anodised
<b>Connection</b>	3 pressure clamps for stranded wire 0.5-1.5mm <sup>2</sup> (with wire end ferrule) and rigid wire 0.5- 2.5mm <sup>2</sup>
<b>Connection Casing</b>	Plastic, UL 94V-0, black
<b>Mounting</b>	Clip for 35 mm DIN rail, EN 60715
<b>Fitting Position</b>	Vertical airflow (air outlet up, connection on bottom)
<b>Operating / Storage Temperature</b>	45 to +70°C
<b>Operating Storage Humidity</b>	Max. 90 % RH (non-condensing)
<b>Protection Class / Protection Type</b>	I (earthed) / IP20
<b>Accessories</b>	Screw fixing, Art. No. 09024.0-00 (1 packing unit = 2 pieces)

<sup>1</sup>Operating high voltage heaters below AC/DC 140 V reduces heating performance by approx. 10%.

## Technical Data

Part No.	Heating Capacity <sup>2</sup>	Max. Current (inrush)	Length (L on dim. dwg.)	Weight (approx.)
TM-HG140-15W	15 W	1.5 A	2.56" (65 mm)	0.3kg
TM-HG140-30W	30 W	3.0 A	2.56" (65 mm)	0.3kg
TM-HG140-60W	60 W	2.5 A	5.5" (140 mm)	0.4kg
TM-HG140-100W	100 W	4.5 A	5.5" (140 mm)	0.5kg
TM-HG140-150W	150 W	9.0 A	8.66" (220 mm)	0.7kg

<sup>2</sup>At 68 F (20 °C) ambient temperature