ENCLOSURE HEATER

HG 140



This compact PTC convection heater is for use in enclosures and casings. This enables you to achieve condensation prevention for effective operational safety of electrical systems and installations.

- Pressure terminal connection for quick electrical connection
- PTC heating element with dynamic response behavior
- This enclosure heater is designed for continuous operation
- Quick installation thanks to clip fixing for 35 mm DIN rail

OVERVIEW TECHNICAL DATA

Device type	Convection heaters
Protection class	I
Protection type	IP20
Connection case	Plastic to UL94 V-0, black
Heating element	PTC resistor (PTC)
Heater element	Aluminium profile, anodised
AC/DC	AC;DC
Operating voltage	120 V - 240 V
Frequency	50;60 Hz
Operating temperature	-45 °C - 70 °C
Operating humidity	≤90 % RH
Storage humidity	≤90 % RH
Storage temperature	-45 °C - 70 °C
Connection type	Connection terminal
Connection	3 x pressure clamps for stranded wire 0.5 - 1.5 mm² (with wire end ferrule) and rigid wire 0.5 - 2.5 mm²
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Width	70 mm
Depth	60 mm
Item number accessories 1	09024.0-00
Accessory 1	Screw fixing
Note	Other voltages on request;When operating below AC/DC 140 V, the heating capacity is reduced by approx. 10 %.

PRODUCT VARIANTS

Article number	Inrush current	Heating capacity	Height	Weight
14000.0-00	1,5 A	15 W	110 mm	300 g
14001.0-00	3 A	30 W	110 mm	300 g
14003.0-00	3,5 A	45 W	110 mm	300 g
14005.0-00	2,5 A	60 W	185 mm	400 g
14006.0-00	4 A	75 W	185 mm	500 g
14007.0-00	4,5 A	100 W	185 mm	500 g
14008.0-00	9 A	150 W	265 mm	700 g

TECHNICAL DRAWINGS