# ENCLOSURE HEATER

## HG 140 | 14007.0-00



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 behaviour
- This enclosure heater is designed for continuous operation
- Quick installation with 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 |
| Inrush current | 4,5 A |
| Frequency | 50;60 Hz |
| Heating capacity | 100 W |
| 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 0.5 - 1.5 mm² stranded wire (with wire end ferrule) and 0.5 - 2.5 mm² rigid wire |
| Mounting | Clip for 35 mm DIN rail |
| Installation position | Airflow direction "in" vertical / connection at the bottom |
| Height | 185 mm |
| Width | 70 mm |
| Depth | 60 mm |
| Weight | 500 g |
| Item number accessories 1 | 09024.0-00 |

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|---|---|
| Accessory 1 | Screw fixing |
| Note | Other voltages on request;When operating below AC/DC 140 V, the heating capacity is reduced by approx. 10 %. |

## TECHNICAL DRAWINGS

