

# 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 with clip fixing for 35 mm DIN rail



## OVERVIEW TECHNICAL DATA

|                       |                                                                                                              |
|-----------------------|--------------------------------------------------------------------------------------------------------------|
| 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 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                                                   |
| Width                 | 70 mm                                                                                                        |
| Depth                 | 60 mm                                                                                                        |
| 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 |
|----------------|----------------|------------------|--------|--------|
| 14006.0-00     | 4 A            | 75 W             | 185 mm | 500 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  |
| 14001.0-00     | 3 A            | 30 W             | 110 mm | 300 g  |
| 14007.0-00     | 4,5 A          | 100 W            | 185 mm | 500 g  |
| 14008.0-00     | 9 A            | 150 W            | 265 mm | 700 g  |
| 14000.0-00     | 1,5 A          | 15 W             | 110 mm | 300 g  |

TECHNICAL DRAWINGS

