

HEATING ELEMENT 15-150W - HG 140

HG

14015.0-00

HG 140 100W Heater, 12-36V ac/dc

- Dynamic heating (PTC element)
- Compact
- Energy saving
- Quick connector and quick installation



PRODUCT DESCRIPTION

The heat source in the element consists of a PTC element – a semi-conductor that adapts its output to the ambient temperature.

The PTC element has a high starting current and provides full output almost immediately. The current then falls quickly and the element is thereafter self-regulating, meaning that the warmer the surroundings, the less output produced by the element.

Thanks to the chimney effect, meaning that the cold air is drawn into the element's bottom and blows out at the top, good self-circulation is achieved for the heated air.

The addition of Pressure Clamp terminals saves time and simplifies the installation.

TECHNICAL DATA

GENERAL DATA

| | |
|----------------------|---------------------------------------------------------------------------------------------------|
| Heat output | 100 W |
| Nominal voltage | 24 V AC/DC |
| Heater body | Anodized aluminum |
| Mounting | DIN-rail |
| Connection type | 3 pressure clamps for stranded wire 0.5-1.5mm ² and rigid wire 0.5- 2.5mm ² |
| Heat source | Self-regulating PTC-element |
| Starting current max | 16 A |

DIMENSIONS

| | |
|--------|--------|
| Height | 179 mm |
|--------|--------|

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|--------|--------|
| Width | 70 mm |
| Depth | 60 mm |
| Weight | 0.5 kg |

SAFETY & APPROVALS

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|------------------|----------------------------|
| Protection class | I (earthed) |
| IP class | IP20 |
| Approvals | CE, EAC, Gost R, RoHS, VDE |

RATED OPERATING CONDITIONS

| | |
|-------------------------|--------------------|
| Operational temperature | -45°C ... +70°C |
| Storage temperature | -45°C ... +70°C |
| Operating humidity | < 90% RH |
| Humidity storage | <90% RH |
| Voltage min | 12 V ac/dc |
| Voltage max | 36 V ac/dc |
| Housing | Anodized aluminium |

