

HEATING ELEMENT 15-150W - HG 140

HG

14012.0-00

HG 140 45W 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	45 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	8 A

DIMENSIONS

Height	104 mm
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Width	70 mm
Depth	60 mm
Weight	0.3 kg

SAFETY & APPROVALS

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

