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HEATING ELEMENT 10-30W - HGK 047

HGK

04710.0-00
HGK 047 10W Heater with cable, 12-36V ac/dc



- Dynamic heating (PTC element)
- Compact
- Energy saving
- Quick connector for DIN rail

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 colder air is drawn into the element's bottom and discharged at the top, good self-circulation is achieved for the heated air.

The heating element is best installed in smaller cabinets so as avoid condensation or that the temperature falls beneath the minimum level.

TECHNICAL DATA

GENERAL DATA

Heat output	10 W
Nominal voltage	12-36 V AC/DC
Heater body	Anodized aluminum
Connection type	3 x AWG 20 (0.5 mm²), 12” length
Starting current max	1 A

DIMENSIONS

Height	50 mm
Width	25 mm

Depth	50 mm
Weight	0.1 kg
Cable length	300 mm

SAFETY & APPROVALS

Protection class	I (earthed)
IP class	IP44
Approvals	CE, EAC, Gost R, RoHS

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

