ENCLOSURE HEATER

HGK 047



This compact enclosure heater with PTC heating element prevents condensation from forming in enclosures. It is a convection heater for small enclosures and casings. The heater body is designed in anodised aluminum profile.

- Wide voltage range for 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

Device type	Convection heaters
Protection class	I
Protection type	IP44
Heating element	PTC resistor (PTC)
Heater element	Aluminium profile, anodised
AC/DC	AC;DC
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 cable
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	25 mm
Width	50 mm
Item number accessories 1	09024.0-00
Accessory 1	Screw fixing
Note	Other voltages on request;Heating capacity at +20 °C (+68 °F) ambient temperature; (min. 110 V, max. 265 V) when operating under AC/DC 140 V, the heating capacity is reduced by approx. 10%.

PRODUCT VARIANTS

Article number	Operating voltage	Inrush current	Heating capacity	Connection	Depth	Weight
04700.0-00	120 V - 240 V	1 A	10 W	3 x 0.5 mm² x 300 mm cable (silicone)	52 mm	100 g
04700.9-00	120 V - 230 V	1 A	10 W	3 x AWG 20 x 300 mm cable	52 mm	100 g
04701.0-00	120 V - 240 V	2,5 A	20 W	3 x 0.5 mm² x 300 mm cable (silicone)	72 mm	200 g
04701.9-00	120 V - 230 V	2,5 A	20 W	3 x AWG 20 x 300 mm cable	60 mm	200 g
04702.0-00	120 V - 240 V	3 A	30 W	3 x 0.5 mm² x 300 mm cable (silicone)	82 mm	200 g
04702.9-00	120 V - 230 V	3 A	30 W	3 x AWG 20 x 300 mm cable	82 mm	200 g

TECHNICAL DRAWINGS