

ENCLOSURE HEATER WITH FAN

CR 027



This heating with PTC element is used to prevent frost and condensation in the enclosure and casing. The built-in fan further intensifies the heating effect through convection. The integrated, adjustable thermostat saves space in the application.

- Adjustable, integrated thermostat
- Plastic casing, safe to touch
- Optical indicator
- Temperature safety cut-out to prevent overheating



OVERVIEW TECHNICAL DATA

Temperature monitoring	Overheating protection in the event of fan failure with automatic reset
Protection class	II
Protection type	IP20
Heating element	PTC resistor (PTC)
Operating display	Glow lamp
Casing	Plastic to UL94 V-0, light gray
AC/DC	AC
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
Torque	0,8 Nm max.
Connection	2-pole clamp 2.5 mm²
Mounting	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	165 mm
Width	128 mm
Depth	100 mm
Note	Heating capacity at +20 °C (+68 °F) ambient temperature; setting range thermostat of switching temperature differential 7K (+4K tolerance).

PRODUCT VARIANTS

Article number	Operating voltage	Inrush current	Heating capacity	Axial fan	Setting range	Weight
02701.9-00	100 V - 120 V	15 A	510 W - 650 W	45 m³/h	32 °F - 140 °F	1100 g
02700.0-00	220 V - 240 V	11 A	475 W - 550 W	35 m³/h	0 °C - 60 °C	900 g
02701.0-00	220 V - 240 V	13 A	550 W - 650 W	45 m³/h	0 °C - 60 °C	1100 g
02700.9-00	100 V - 120 V	14 A	400 W - 550 W	35 m³/h	32 °F - 140 °F	900 g

TECHNICAL DRAWINGS

