ENCLOSURE HEATER WITH FAN

CS 028 | 02800.9-01



This compact enclosure heater with fan and PTC heating element prevents condensation in enclosures with a high component density. The touch-safe plastic casing ensures user safety by protecting against heat.

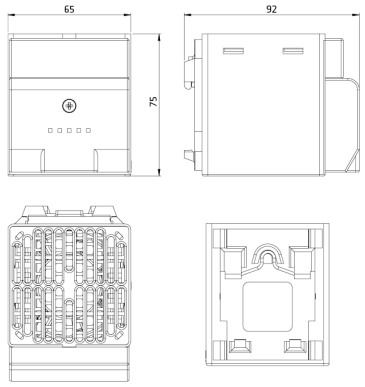
- PTC heating element: temperature-limiting, direct response behaviour
- Touch-safe heat protection
- Screw fixing and mounting with clip fixing for DIN rail 35 mm possible
- Electrical connection via pressure clamps
- Temperature safety cut-out to prevent overheating

OVERVIEW TECHNICAL DATA

Device type	Fan heater; Touchsafe
Protection class	II
Protection type	IP20
Heating element	PTC resistor (PTC)
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Operating voltage	120 V
Inrush current	6 A
Frequency	50;60 Hz
Heating capacity	150 W
Axial fan	13,8 m³/h
Service life	>40000 h
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	Screw fixing
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	90 mm
Width	85 mm
Depth	107 mm
Weight	300 g

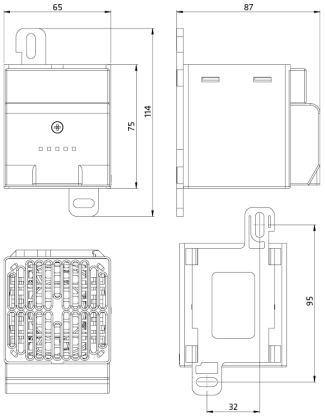
Note	Other voltages on request;Heating capacity at +20 °C (+68 °F) ambient temperature.

TECHNICAL DRAWINGS



CS 028 clip fixing

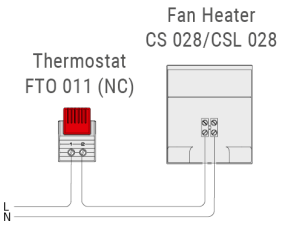
View: back side



CS 028 screw fixing

View: back side

Connection example



Heating capacity / Ambient temperature diagram
CS 028 / CSL 028

