ENCLOSURE HEATER WITH FAN

CSL 028 | 02811.9-00



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

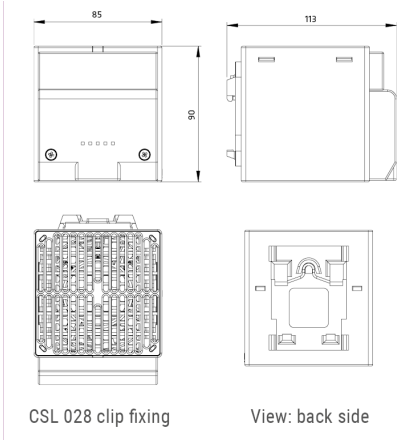
Device type	Fan heater; Touchsafe
Protection class	II
Protection type	IP20
Heating element	PTC resistor (PTC)
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Operating voltage	120 V
Inrush current	6 A
Frequency	50;60 Hz
Heating capacity	250 W
Service life	>40000 h
Operating temperature	-45 °C - 70 °C
Operating 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	Clip for 35 mm DIN rail
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	90 mm
Width	85 mm
Depth	113 mm
Weight	500 g
Item number accessories 1	252017

Accessory 1	Air routing for improved heat distribution
Note	Other voltages on request;Heating capacity at +20 °C (+68 °F) ambient temperature.

ACCESSORIES

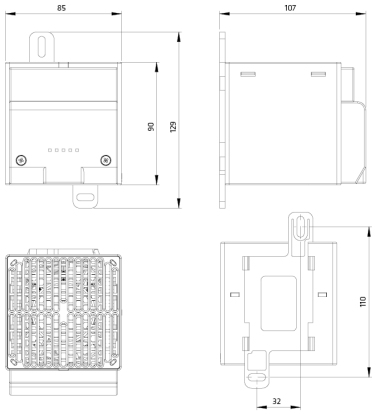
Article number	packaging_size	Casing	Height	Width	Depth	Weight
252017	1 Piece	Plastic to UL94 V-0, black	12 mm	85 mm	85 mm	500 g

TECHNICAL DRAWINGS



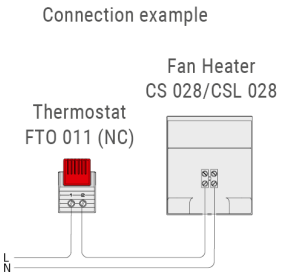
CSL 028 clip fixing

View: back side



CSL 028 screw fixing

View: back side



Heating capacity / Ambient temperature diagram
CS 028 / CSL 028

