ENCLOSURE HEATER WITH FAN

CSF 028 | 02820.9-09



This PTC enclosure heater with fan and fixed thermostat provides condensation protection in the enclosure and casing. It is particularly space-saving. The integrated fixed thermostat is available in two temperature presets. The heating is touch-safe for the application thanks to the touch-safe plastic coating of the heater body.

- PTC heating element: temperature-limiting, direct response behaviour
- Touch-safe heat protection, therefore safe to touch
- 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

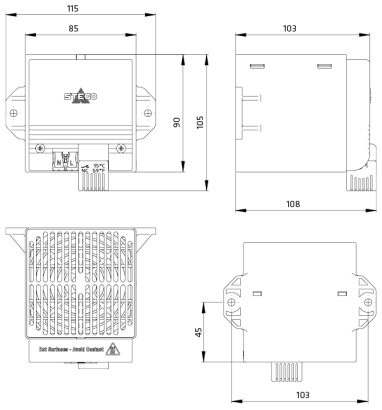
Device type	Fan heater; Integrated control; Touchsafe
Protection class	II
Protection type	IP20
Heating element	PTC resistor (PTC)
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Operating voltage	120 V
Inrush current	9 A
Frequency	50;60 Hz
Heating capacity	400 W
Switch-off temperature	25 °C
Switch-on temperature	15 °C
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;Tolerance ±5 K;Heating capacity at +20 °C (+68 °F) ambient temperature; switch-on temperature tolerance at +5K, other switch-off and switch-on temperatures on request.

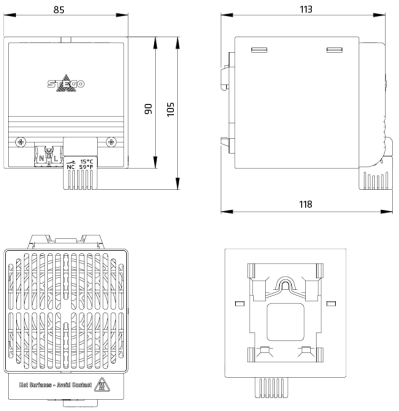
ACCESSORIES

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

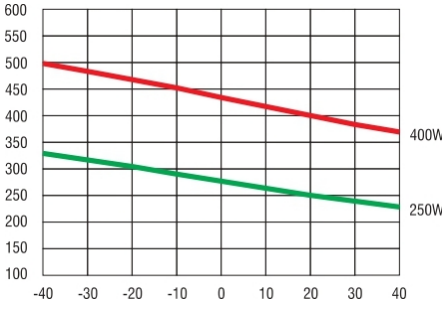
TECHNICAL DRAWINGS



CSF 028 screw flange fixing View: back side



CSF 028 clip fixing View: back side



Connection example

