

ENCLOSURE HEATER WITH FAN

CSF 028 | 02820.0-11



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 behavior
- 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

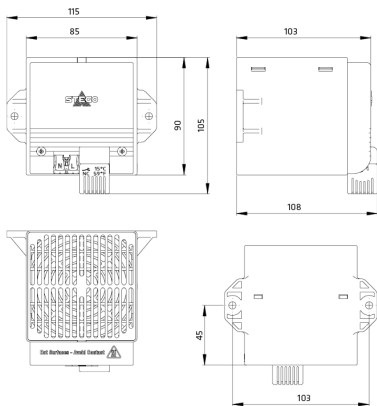
Device type	Fan heater; Integrated control; Touchsafe
Protection class	II
Protection type	IP20
Heating element	PTC resistor (PTC)
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Operating voltage	230 V
Inrush current	15 A
Frequency	50;60 Hz
Heating capacity	400 W
Switch-off temperature	77 °F
Switch-on temperature	59 °F
Operating temperature	-49 °F - 158 °F
Operating humidity	≤90 % rF
Storage humidity	≤90 % rF
Storage temperature	-49 °F - 158 °F
Connection type	Connection terminal
Torque	0.8 Nm max.
Connection	2-pole clamp 2.5 mm ²
Mounting	Screw fixing
Installation position	Airflow direction "in" vertical / connection at the bottom
Height	3.5 in
Width	3.3 in
Depth	4.4 in
Weight	17.6 oz

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 $+5$ K, other switch-off and switch-on temperatures on request.

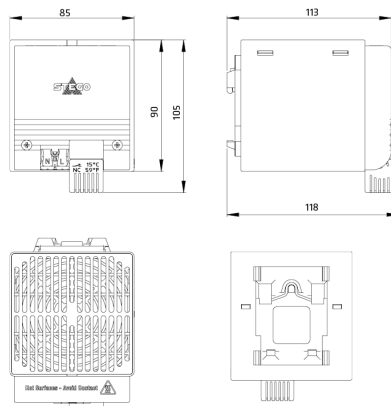
ACCESSORIES

Article number	packaging_size	Casing	Height	Width	Depth	Weight
252017	1 Stück	Plastic to UL94 V-0, black	0.5 in	3.3 in	3.3 in	17.6 oz

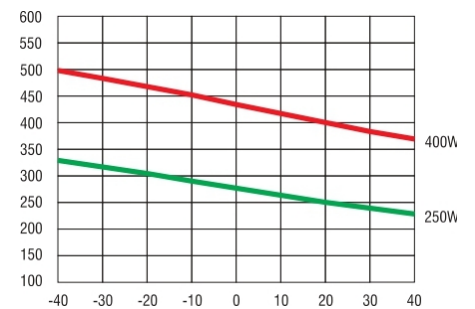
TECHNICAL DRAWINGS



CSF 028 screw flange fixing View: back side



CSF 028 clip fixing View: back side



Connection example

