HIGH-PERFORMANCE FAN HEATER (SEMICONDUCTOR)

CS 032 / CSF 032 | 1,000W

Fan heater CS 032

Fan heater CSF 032

> **Compact and slim design**
> **High heating performance**
> **Double insulated**
> **With or without thermostat**
> **Quick connection**

The compact high performance fan heater prevents formation of condensation and frost and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The plastic housing provides double insulation and acts as protection against contact. Two screw connectors at the front of CS 032 allow comfortable wiring of an external thermostat. The CSF 032 is equipped with a pre-set thermostat. Both models were designed for wall fixing. A fan heater for fixing on the bottom of the enclosure is available on request.

TECHNICAL DATA

Heating element	PTC resistor - temperature limiting
Surface temperature	max. +80°C (+176°F), except upper protective grille at +20°C (+68°F) ambient temperature
Temperature safety cut-out	to protect against overheating in case of fan failure, automatic reset
Axial fan, ball bearing	air flow 63m³/h, free flow service life 70,000h at 25°C (77°F)
Connection	male power insert connector according to IEC320 C18
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN rail, EN 60715 or screw fixing (M5), tightening torque 2Nm max.
Fitting position	airflow direction up
Dimensions	152.5 x 88 x 66mm
Weight	approx. 0.5kg
Operation/Storage temperature	-40 to +60°C (-40 to +140°F) / -40 to +70°C (-40 to +158°F)
Operation/Storage humidity	max. 90% RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL File No. E234324, GOST-TR

Important note: Connectors and cables for electrical connection are not included in the delivery. Connection cables can be ordered separately, see Accessories.
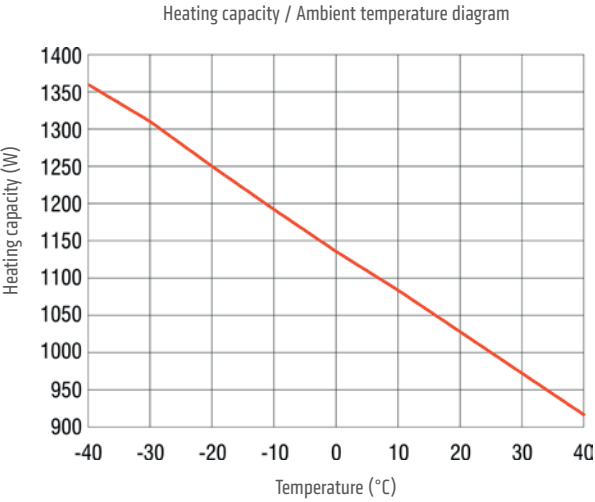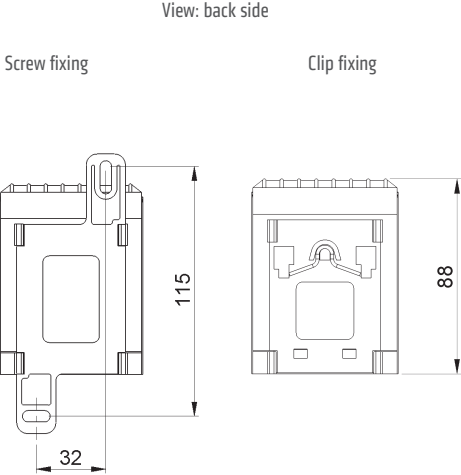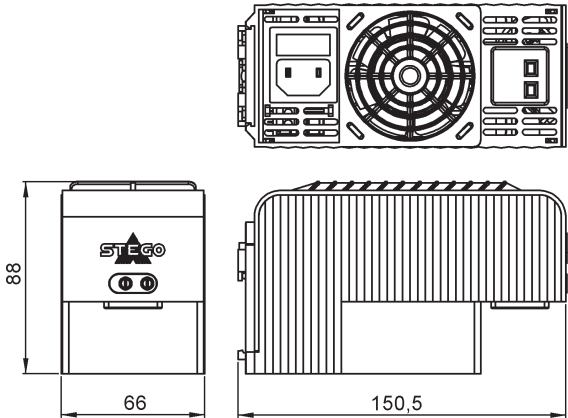
FAN HEATER CS 032 (WITHOUT THERMOSTAT)

Art. No. Clip fixing	Art. No. Screw fixing	Operating voltage	Heating capacity[1]	Inrush current max.
03209.0-00	03209.0-01	220-240VAC, 50/60Hz	1,000W	12A
03209.9-00	03209.9-01	100-120VAC, 50/60Hz	1,000W	18A

FAN HEATER CSF 032 (WITH THERMOSTAT)

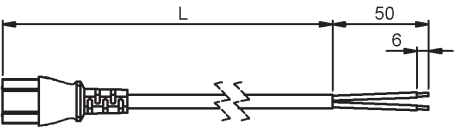| Art. No. Clip fixing	Art. No. Screw fixing	Operating voltage	Heating capacity[1]	Inrush current max.	Switch-off temperature[2]	Switch-on temperature[2]
03201.0-00	03201.0-01	220-240VAC, 50/60Hz	1,000W	12A	+25°C (+77°F)	+15°C (+59°F)
03202.0-00	03202.0-01	220-240VAC, 50/60Hz	1,000W	12A	+15°C (+59°F)	+5°C (+41°F)
03201.9-00	03201.9-01	100-120VAC, 50/60Hz	1,000W	18A	+25°C (+77°F)	+15°C (+59°F)
03202.9-00	03202.9-01	100-120VAC, 50/60Hz	1,000W	18A	+15°C (+59°F)	+5°C (+41°F)

[1] at +25°C (+77°F) ambient temperature; [2] tolerance ±5K

TECHNICAL DRAWING

88

66

150,5

View: back side

Screw fixing

Clip fixing

115

32

88

Heating capacity / Ambient temperature diagram

ACCESSORIES

Connection cable with female power insert connector according IEC320 C17

L   50   6

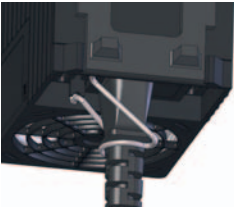| Art. No.	Length (L)
244379	1.0m
244380	2.0m

Retaining Clip

Photo: Retaining Clip art. no. 237009 in built-in state

Art. No.	Note
237009	Suitable for female power insert connector on connection cable 244379 and 244380