

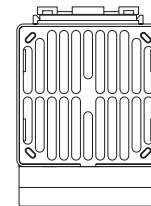
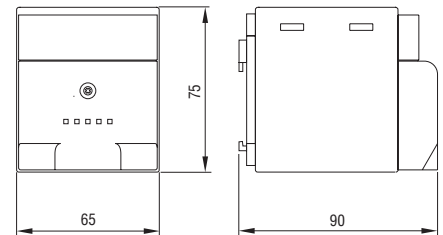
- Small, compact design
- Quite in operation
- Dynamic heating up
- Clip or screw fixing

Fan heater prevents formation of condensation and provides an evenly distributed interior air temperature in enclosures with electric/electronic components. The heater is connected using the internal terminal connectors. The CS 028's small size make it ideal for use in enclosures where space is at a premium.



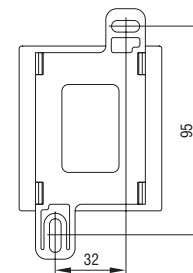
### Technical Data:

Heating element	PTC heating element
Inrush current	max. 12A at 230VAC, 6A at 120VAC
Surface temperature	max. 50°C at casing; 100°C at upper protective grille at 20°C ambient temperature.
Axial fan, ball bearing	Air flow 13.8m <sup>3</sup> /h, free flow (service life 40,000h at 40°C)
Connection	2-pole clamp max. 2.5mm <sup>2</sup> , clamping screw torque 0.8Nm max.
Casing	Plastic according to UL94-0, black
Mounting	Clip for 35mm DIN rail, EN 60715 or screw fixing (Ø5.3mm)
Fitting position	Vertical
Weight	Approx. 0.3kg
Op./storage temp.	-45 to +70°C
Prot. type / Prot. class	IP20 / II (double insulated)
Note	Other voltages on request.

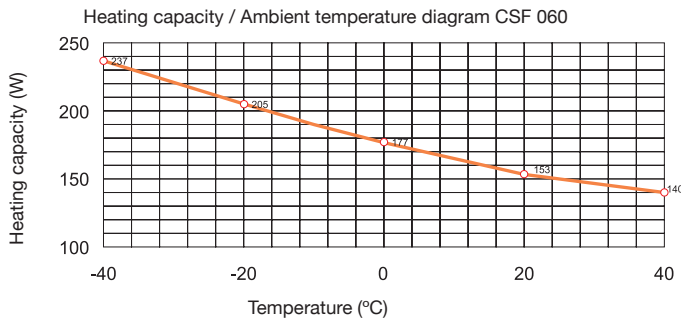
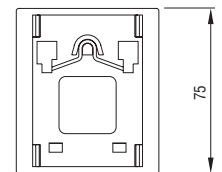


View: back side

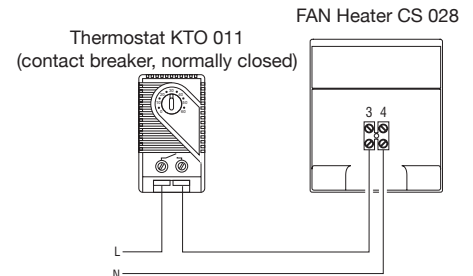
Screw fixing



Clip fixing



Example of connection



Art. No.	Operating voltage	Heating capacity*	Dimensions	Mounting	Approvals
	230VAC, 50/60Hz	150W	87 x 65 x 75mm	Clip fixing	VDE; (UL submitted)
	230VAC, 50/60Hz	150W	87 x 65 x 114mm	Screw fixing	VDE, (UL submitted)
	120VAC, 50/60Hz	150W	87 x 65 x 75mm	Clip fixing	UL submitted
	120VAC, 50/60Hz	150W	87 x 65 x 114mm	Screw fixing	UL submitted

\*at 20°C ambient temperature.