

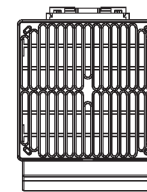
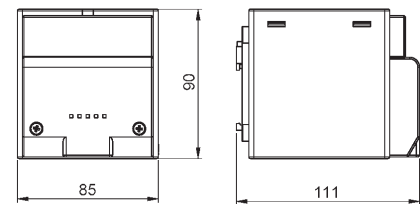
- Small, compact design
- Quiet in operation
- Dynamic heating up
- Clip or screw fixing

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 small size of the CSL 028 makes it ideal for use in enclosures where space is at a premium.

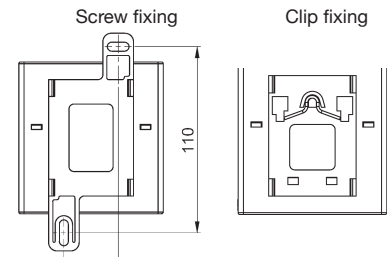


Technical Data:

Heating element	PTC heating element
Surface temperature	250W: max 50°C, except upper protective grille 400W: max 65°C, except upper protective grille at 20°C ambient temperature
Axial fan, ball bearing	Air flow 45m³/h at 230VAC, air flow 54m³/h at 120VAC free flow, service life 40,000h at 40°C
Connection	2-pole clamp max. 2.5mm² with strain relief, clamping torque 0.8Nm max.
Casing	Plastic acc. to UL94-0, black
Mounting	Clip for 35mm DIN rail, EN 60715 or screw fixing (Ø5.3mm)
Fitting position	Vertical
Weight	Approx. 0.5kg
Op./storage temp.	-45 to +70°C
Prot. type / Prot. class	IP20 / II (double insulated)
Note	Other voltages on request

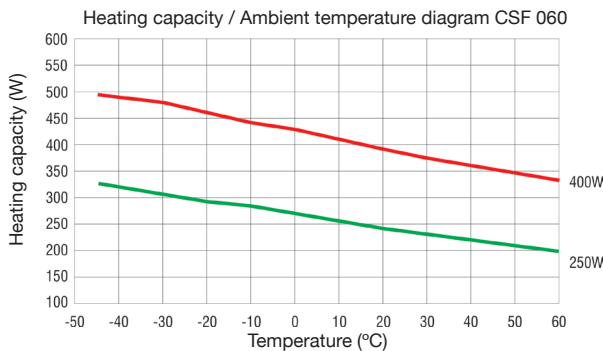
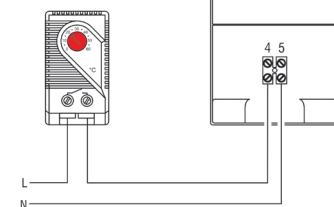


View: back side



Example of connection

Thermostat KTO 011 (contact breaker, normally closed) FAN Heater CSL 028



Art. No.	Operating voltage	Heating capacity*	Inrush current max.	Dimensions	Mounting	Approvals
83710	230VAC, 50/60Hz	250W	9A	111x85x90mm	Clip fixing	VDE; (UL submitted)
83711	230VAC, 50/60Hz	250W	9A	111x85x129mm	Screw fixing	VDE; (UL submitted)
	120VAC, 50/60Hz	250W	6A	111x85x90mm	Clip fixing	UL submitted
	120VAC, 50/60Hz	250W	6A	111x85x129mm	Screw fixing	UL submitted
83715	230VAC, 50/60Hz	400W	15A	111x85x90mm	Clip fixing	VDE; (UL submitted)
83716	230VAC, 50/60Hz	400W	15A	111x85x129mm	Screw fixing	VDE; (UL submitted)
	120VAC, 50/60Hz	400W	9A	111x85x90mm	Clip fixing	UL submitted
	120VAC, 50/60Hz	400W	9A	111x85x129mm	Screw fixing	UL submitted

*at 20°C ambient temperature