ENCLOSURE HEATER

CSF 060 | 06012.0-00



The compact PTC enclosure heater with integrated tamper-proof thermostat provides reliable protection against condensation in enclosures and casings. Practical: The integrated, fixed thermostat makes an external thermostat superfluous. Two tried-and-tested presets are available (switch-off and switch-on temperature: +15 °C and 5 °C; +25 °C and 15 °C).

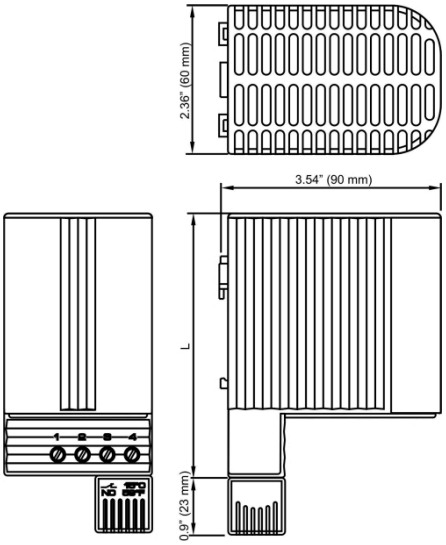
- With integrated tamper-proof thermostat
- Safe to touch, low surface temperature
- Rail installation on 35 mm DIN rail
- This enclosure heater is designed for continuous operation
- PTC heating element

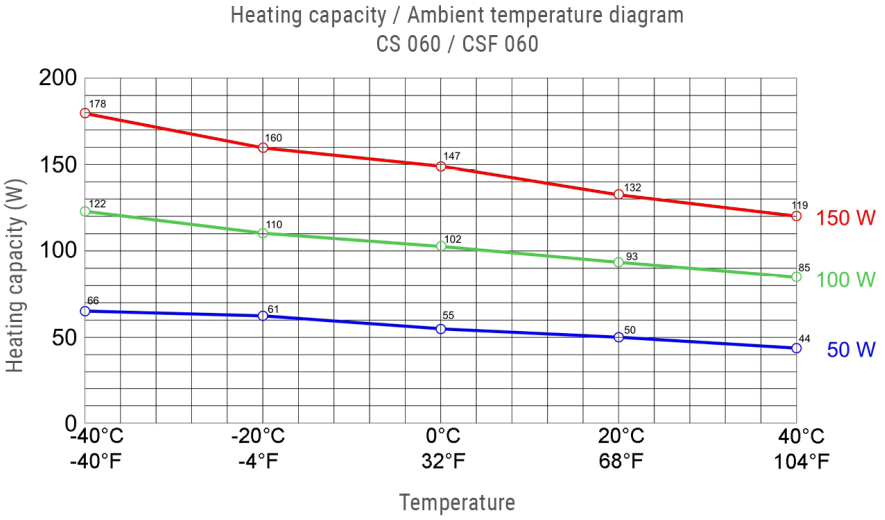
OVERVIEW TECHNICAL DATA

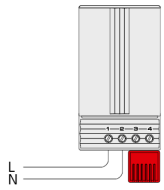
Device type	Convection heaters; Integrated control; Touchsafe
Protection class	II
Protection type	IP20
Heating element	PTC resistor (PTC)
Casing	Plastic to UL94 V-0, black
AC/DC	AC
Operating voltage	120 V - 240 V
Inrush current	4,5 A
Frequency	50;60 Hz
Heating capacity	100 W
Switch-off temperature	25 °C
Switch-on temperature	15 °C
Air outlet temperature	120 °C
Surface temperature	< + 80 °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	110 mm
Width	60 mm

Depth	90 mm
Weight	300 g
Note	Other switch-off and switch-on temperatures on request. ;Switch-on temperature tolerance at +5K.;Operation below AC 140 V reduces the heating capacity by approx. 10 %.;Heating capacity at ambient temperature - see power/ambient temperature diagram; air outlet temperature 50 mm from the protective grille;

TECHNICAL DRAWINGS







Connection example