

TOUCH-SAFE HEATER 50 TO 150 W

CSF060 Series



- Low Surface Temperature
- Integrated Thermostat
- DIN Rail Mountable Allows for Quick Mounting
- Double Insulated (Plastic)
- Wide Voltage Range
- Small Size

Touch-safe heater for the use in enclosures with electrical/electronic components. The design of the heater supports the natural convection which results in a high air-current of warm air. The surface temperatures on the accessible side surfaces of the housing are kept down as a result of the heater design. This model with plug-in thermostat does not require additional wiring. The heaters are designed for permanent operation. This heater is also available in a version without thermostat (CS 060).



CSF06001 shown larger than actual size.

SPECIFICATIONS

Operating Voltage: 120 to 240 Vac* (min 110V, max 265V)

Heating Capacity: See table

Heating Element: PTC resistor: temperature limiting

Surface Temperature: <80°C (176°F), except upper protective grille

Connection: 4-pole terminal 2.5 mm², (0.10 in²) torque 0.8 Nm max

Casing: Plastic according to UL94 V-0, black

Mounting: Clip for 35 mm (1.4") DIN rail, EN 50022

Fitting Position: Vertical

Temperature

Operating: -40 to 70°C (-40 to 158°F)

Storage: -45 to 70°C (-49 to 158°F)

Protection Type/Protection Class: NEMA 2 (IP20)/II (double insulated)
Approvals: VDE

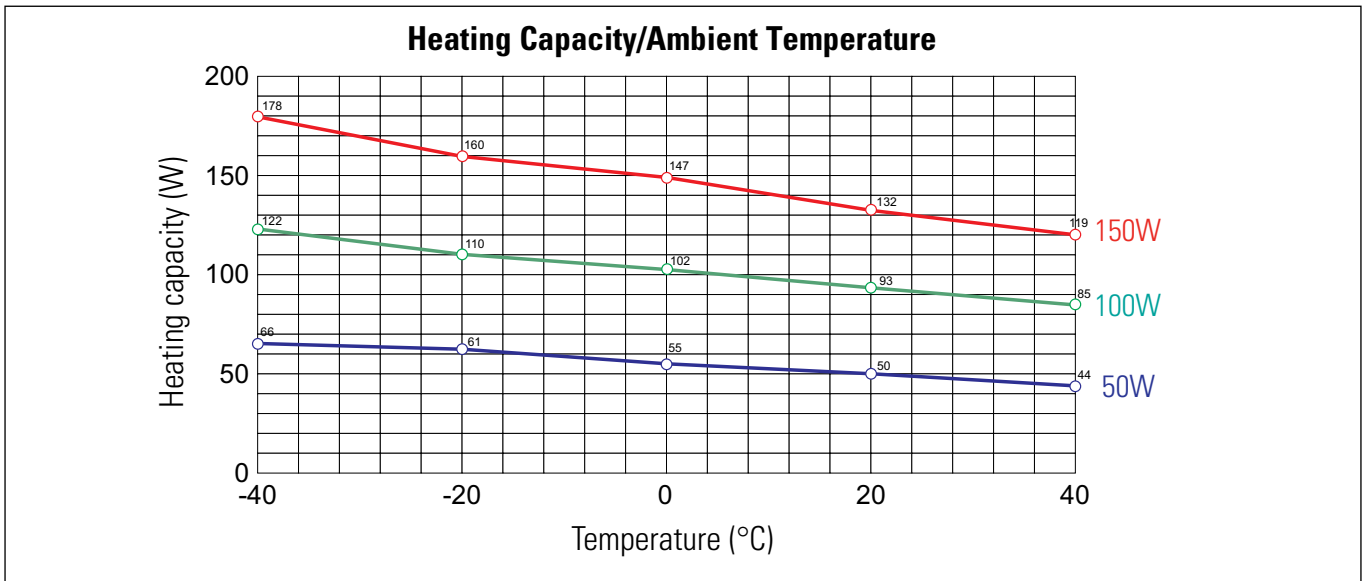
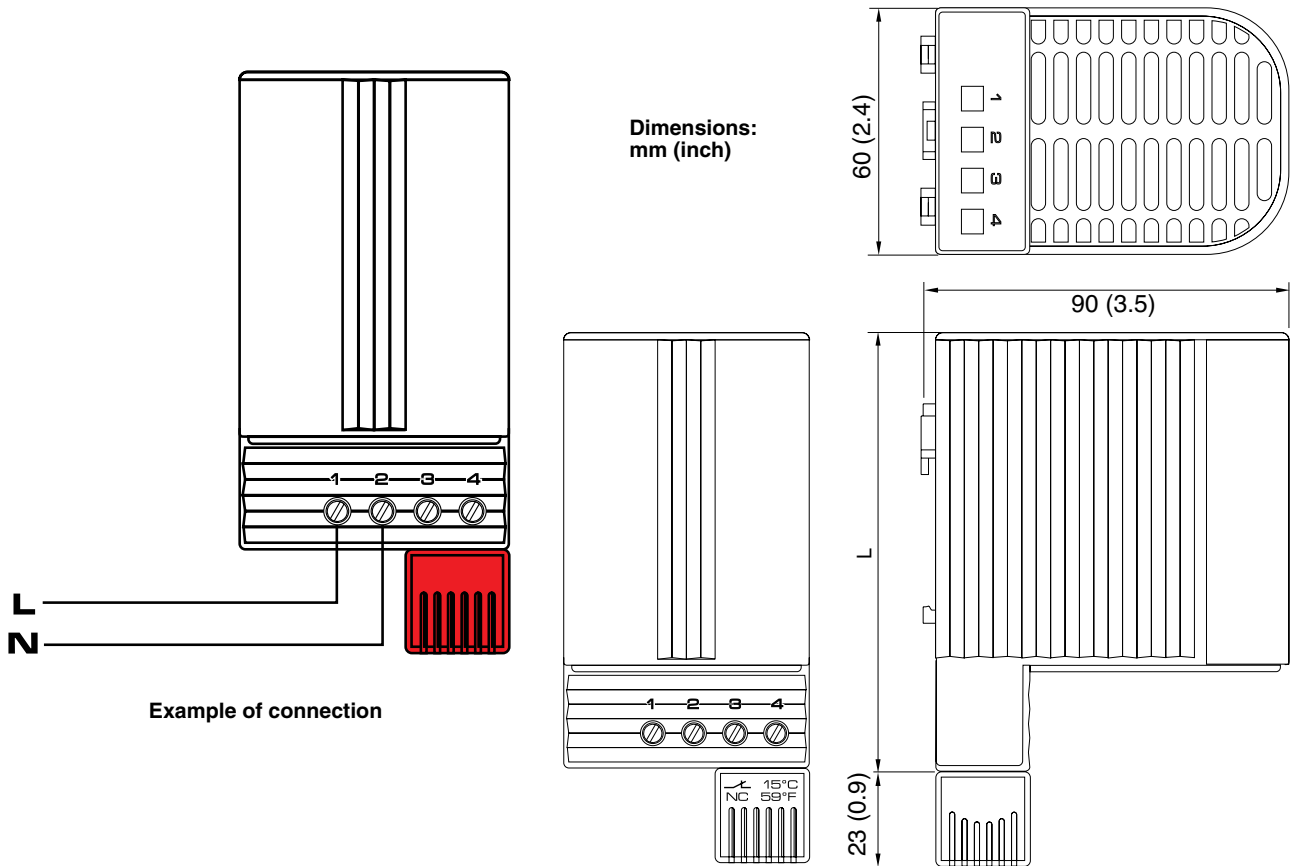
*Note: Other voltages on request
* Operating with voltages below 140 Vac reduces heating performance by approximately 10%.*

Model No.	CSF06001	CSF06011	CSF06021
Heating Capacity¹	50 W	100 W	150 W
Inrush Current Max	2.5 A	4.5 A	8 A
Air Outlet Temperature²	86°C (186.8°F)	120°C (248°F)	145°C (293°F)
Switch-Off Temperature³	15°C (59°F)	15°C (59°F)	15°C (59°F)
Starting Temperature³	5°C (41°F)	5°C (41°F)	5°C (41°F)
Dimensions	110 x 60 x 90 mm (4.3 x 2.4 x 3.5")	110 x 60 x 90 mm (4.3 x 2.4 x 3.5")	150 x 60 x 90 mm (5.9 x 2.4 x 3.5")
Weight (Approx)	0.30 kg (10.6 oz)	0.30 kg (10.6 oz)	0.50 kg (17.6 oz)

¹ Ambient temperature: See heating capacity/ambient temperature diagram

² Measured 50 mm (2.0") above protective grille

³ Tolerance of ±5K



To Order Visit omega.com/csf060_series for Pricing and Details

MODEL NO.	DESCRIPTION
CSF06001	Enclosure heater, 50 W, 120 to 240 Vac, with fixed point thermostat 15°C (59°F) open/5°C (41°F) close
CSF06011	Enclosure heater, 100 W, 120 to 240 Vac, with fixed point thermostat 15°C (59°F) open/5°C (41°F) close
CSF06021	Enclosure heater, 150 W, 120 to 240 Vac, with fixed point thermostat 15°C (59°F) open/5°C (41°F) close

Comes complete with operator's manual.
Ordering Example: CSF06001, enclosure heater.