

Touch-Safe Heater CS 060 Series  
(semiconductor)

50W to 150W

Heater



- Low surface temperature
- Quick mounting due to clip fixing
- Double insulated (plastic)
- Wide voltage range
- Small size

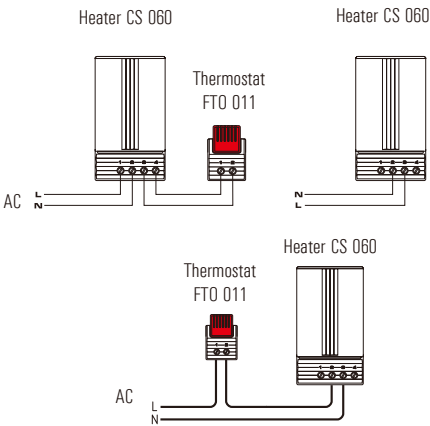
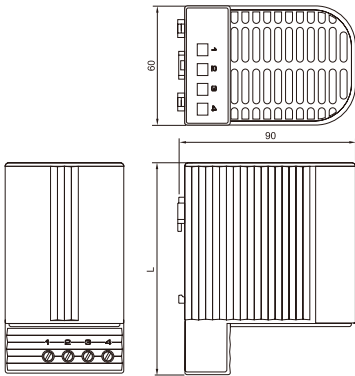
Touch-safe heater for the use in enclosures with electrical/electronic components. The design of the heater supports the natural convection which results in a high air-current of warm air. The surface temperatures on the accessible side surfaces of the housing are kept down as a result of the heater design. Our complete range of thermostats and hygrostats can directly be connected to the heater CS 060. This heater is also available in a version with plug-in thermostat requiring no additional wiring (CSF 060). Both versions are designed for permanent operation.



Technical Data

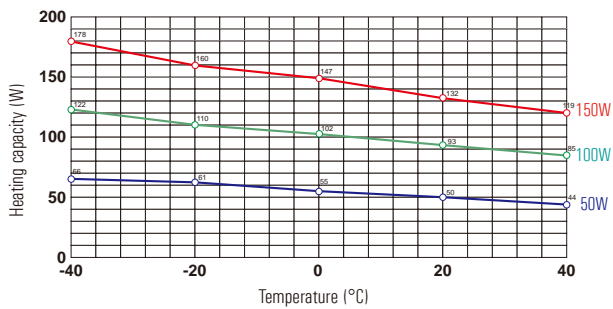
Operating voltage	120-240V AC/DC* (min. 110V, max. 265V)
Heating capacity	see table
Heating element	PTC resistor - temperature limiting
Surface temperature	< 80°C (176°F), except upper protective grille
Connection	4-pole terminal 2,5mm <sup>2</sup> , torque 0.8Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN rail, EN 50022
Fitting position	vertical
Operating / Storage temperature	-45 to +70°C (-49 to +158°F)
Protection type / Protection class	IP20 / II (double insulated)
Approvals	VDE + UL File No. E150057 (according to UL499 in combination with UL508A)
Note	other voltages on request

\*Operating with voltages below 140V AC/DC reduces heating performance by approx. 10%.



Examples of connection

Heating capacity / Ambient temperature diagram CS 060



Art. No.	Heating capacity <sup>1)</sup>	Inrush current max.	Air outlet temperature <sup>2)</sup>	Dimensions	Weight (approx.)
06000.0-00	50W	2.5A	+ 86°C (186.8°F)	110 x 60 x 90mm	0.30kg
06010.0-00	100W	4.5A	+ 120°C (248°F)	110 x 60 x 90mm	0.30kg
06020.0-00	150W	8A	+ 145°C (293°F)	150 x 60 x 90mm	0.50kg

<sup>1)</sup>ambient temperature - see Heating capacity / Ambient temperature diagram;

<sup>2)</sup>measured 50mm above protective grille;