

# TOUCH-SAFE PTC HEATER

CS 060 | 50 - 150 W



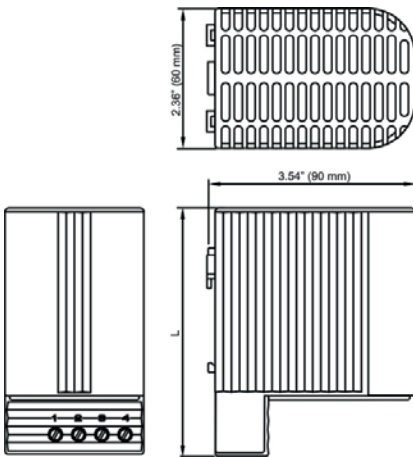
- > Low surface temperature
- > Compact size
- > Wide voltage range
- > Double insulated protection
- > DIN rail mountable

The CS 060 is a touch-safe heater for use in enclosures. The design of the heater utilizes natural convection which results in a circulating current of warm air. The surface temperatures on the accessible side surfaces of the housing are minimized as a result of the heater design. The CS 060 is also available in a version with a plug-in thermostat requiring no additional wiring (CSF 060).



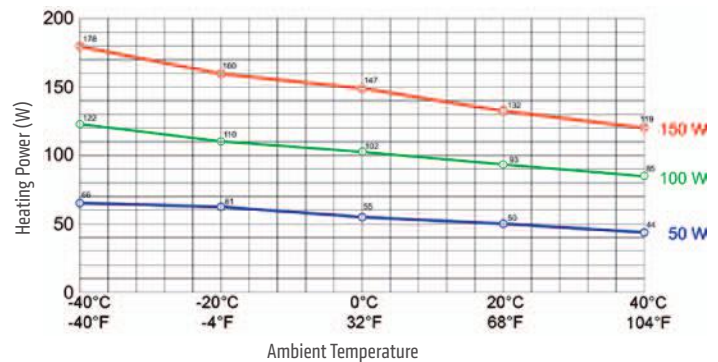
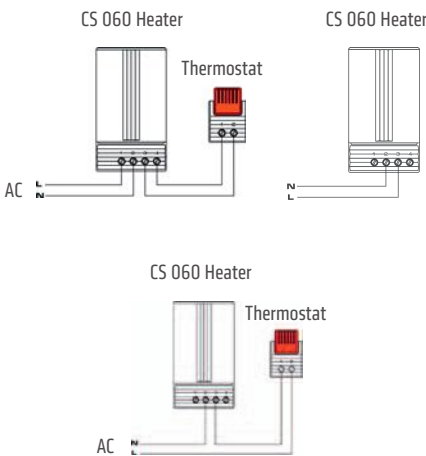
## TECHNICAL DATA

Operating voltage <sup>1</sup>	AC/DC 120-240 V (min. 110 V, max. 265 V)
Heating capacity	see table
Heating element	PTC resistor - temperature limiting
Surface temperature	< 176 °F (80 °C), except upper protective grill
Connection	4-pole terminal AWG 14 max (2.5 mm <sup>2</sup> ), torque 0.8 Nm max.
Housing	plastic, UL 94V-0, black
Mounting	clip for 35 mm DIN rail, EN 60715
Mounting position	vertical
Operating / Storage temperature	-49 to +158 °F (-45 to +70 °C)
Operating / Storage humidity	max. 90 %RH (non-condensing)
Protection class / Protection type	II (double insulated) / IP20
Approvals	UL File No. E150057, VDE, GOST TR
Note	other voltages available upon request



<sup>1</sup> Operating high voltage heaters below AC/DC 140 V reduces heating performance by approx. 10%.

### Wiring examples



Part No.	Heating capacity <sup>2</sup>	Max. current (inrush)	Air outlet temperature <sup>3</sup>	Dimensions	Weight (approx.)
06000.0-00	50 W	2.5 A	187 °F (86 °C)	4.3 x 2.36 x 3.54" (110 x 60 x 90 mm)	10.4 oz. (295 g)
06010.0-00	100 W	4.5 A	248 °F (120 °C)	4.3 x 2.36 x 3.54" (110 x 60 x 90 mm)	10.6 oz. (300 g)
06020.0-00	150 W	8 A	293 °F (145 °C)	5.9 x 2.36 x 3.54" (150 x 60 x 90 mm)	15.5 oz. (440 g)

<sup>2</sup> see Heating Power / Ambient Temperature diagram; <sup>3</sup> measured 2" (50 mm) above protective grill