

# TOUCH-SAFE SMALL HEATER (SEMICONDUCTOR)

CSK 060 | 10 W, 20 W, 30 W



- > Low surface temperature
- > Double insulated (plastic housing)
- > Wide voltage range
- > Dynamic heating up
- > Clip fixing

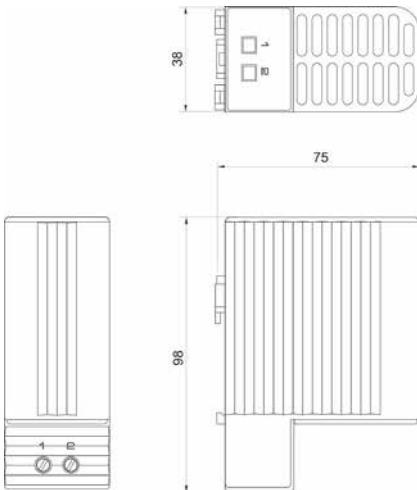
The heaters are used in enclosures where condensation is to be prevented or the temperature may not fall below a minimum value. In this way corrosion is avoided and an even temperature is ensured. The heaters are designed for permanent operation.



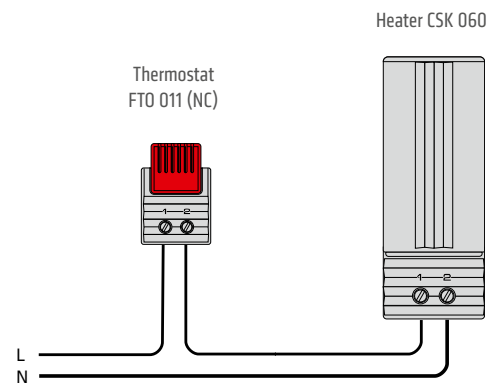
## TECHNICAL DATA

Operating voltage	AC/DC 120 –240 V <sup>1</sup> (min. 110 V, max. 265 V)
Heating element	PTC resistor – temperature limiting
Surface temperature	< +85 °C (+185 °F) (according to VDE 0100), except upper protective grille
Connection	2-pole terminal 2.5 mm <sup>2</sup> , torque 0.8 Nm max.
Casing	plastic according to UL94 V-0, black
Dimensions	98 x 38 x 75 mm
Mounting	clip for 35mm DIN rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 °C to +70 °C (-49 °F to +158 °F)
Operating/Storage humidity	max. 90 % RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Approvals	VDE, UL File No. E150057, EAC
Note	other voltages on request

<sup>1</sup> Operating with voltages below AC/DC 140 V reduces heating performance by approx 10 %.



Example of connection



Art. No.	Heating capacity <sup>2</sup>	Inrush current max.	Recommended pre-fuse T (time-delay)	Weight (approx.)
06040.0-00	10 W	1.0 A	2.0 A	0.2 kg
06030.0-00	20 W	2.5 A	4.0 A	0.3 kg
06050.0-00	30 W	2.5 A	4.0 A	0.3 kg

<sup>2</sup> at +20 °C (+68 °F) ambient temperature