Telesystem

TS-Heater 100w-IND
50W to 150W

- **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/electronical 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 TS-Heater 100w-IND. This heater is also available in a version with plug-in thermostat requiring no additional wiring. The heaters are designed for permanent operation.
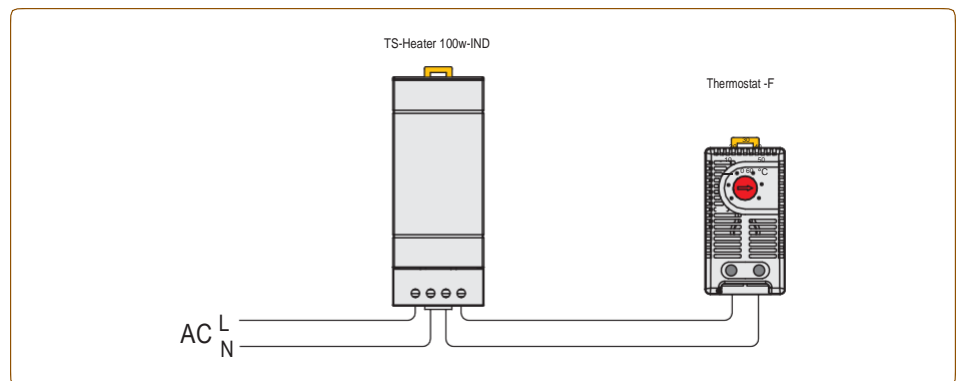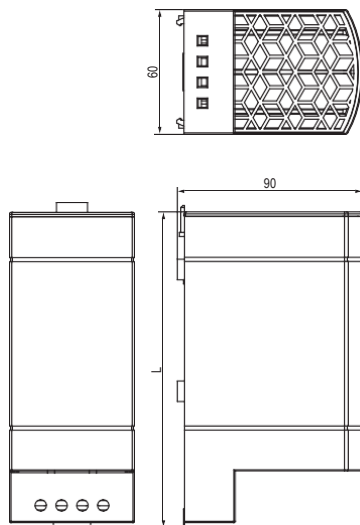
Technical Data

CE RoHS ISO9001 Patent

TS-Heater 100w-IND	
Operating voltage	120 - 240V AC/DC[1] (min. 110V, max. 265V)
Heating element	PTC resistor - temperature limiting
Surface temperature	< +80°C (+176°F), except upper protective grille
Connection	4-pole terminal 2.5mm², torque 0.8Nm max.
Casing	plastic according to UL94 V-0, black
Mounting	clip for 35mm DIN rail, EN 60715
Fitting position	vertical airflow (air outlet up, connection on bottom)
Operating/Storage temperature	-45 to +70°C (-49 to +158°F)
Operating/Storage humidity	max. 90% RH (non-condensing)
Protection type/Protection class	IP20 / II (double insulated)
Note	other voltages on request

[1] Operating with voltages below 140V AC/DC reduces heating performance by approx. 10%.

Examples of connection

Art. No.	Heating capacity[2]	Air outlet temperature[3]	Dimensions	Weight (approx.)
860071	50W	+86°C (+186.8°F)	110 x 60 x 90mm	0.3kg
860072	100W	+120°C (+248°F)	150 x 60 x 90mm	0.4kg
860073	150W	+145°C (+293°F)	150 x 60 x 90mm	0.4kg

[2] ambient temperature - see Heating capacity / Ambient temperature diagram;

[3] measured 50mm above protective grille