

## TOUCH SAFE LOOP HEATER 50-150W - LT 065

LT

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LT 065, 50W Touch safe loop heater, 110V-265V ac/dc

- Low surface temperature
- Shock and vibration proof
- Wide voltage range
- Double insulated
- Pressure clamp connections



### PRODUCT DESCRIPTION

Improved heating power to volume and temperature distribution than standard heaters, thanks to the new loop design. 50% quicker installation time due to pressure clamp terminals.

Vibration-proof for harsh conditions, e.g. High vibration impact in environments such as transport or wind power  
Certified for use in the rail industry

## TECHNICAL DATA

### GENERAL DATA

Heat output	50 W
Nominal voltage	120-240 V AC/DC
Heater body	Plastic
Mounting	DIN-rail 35mm
Colour	Black, White
Connection type	2-pole terminal 2.5mm <sup>2</sup>
Heat source	Self-regulating PTC-element
Starting current max	4 A
Recommended fuse (slow blow)	6 A

### DIMENSIONS

Height	101 mm
Width	57 mm

Depth	140 mm
Weight	0.4 kg

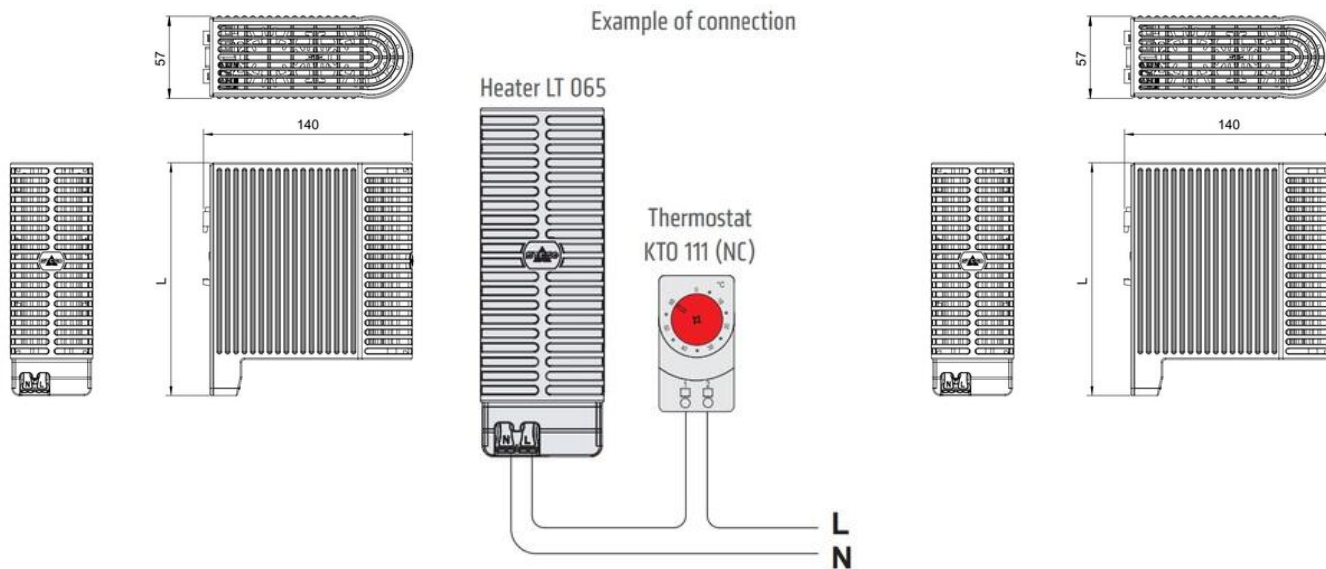
## SAFETY & APPROVALS

Protection class	II (double insulated)
IP class	IP20
Approvals	RoHS 3, CE, UKCA, cRUus, EAC, UL E234324, VDE

## RATED OPERATING CONDITIONS

Temperature 50 mm above the heater	<+80°C (+176°F)
Operational temperature	-45°C ... +70°C
Storage temperature	-45°C ... +70°C
Operating humidity	<90% RH
Humidity storage	<90% RH

Voltage min	110 V ac/dc
Voltage max	265 V ac/dc
Housing	Plastic enclosure, UL94 V-0



Example of connection

