

Semiconductor Heater 100W / 150w



- Pressure clamp connectors
- Dynamic heating up
- Wide voltage range
- Energy saving
- Clip fixing, Quick installation

These heaters are used in enclosures where damage from condensation must be prevented, or where the temperature may not fall below a minimum value. The aluminium profile heater body design has a chimney effect and distributes the heat evenly. The heaters are designed for permanent operation. Pressure clamp connectors save time and simplify installation.

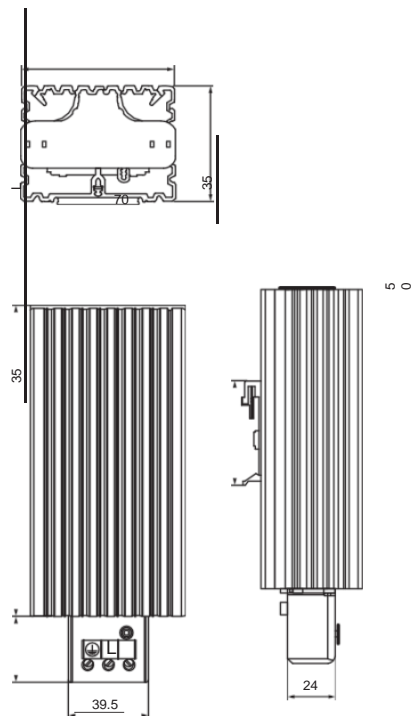
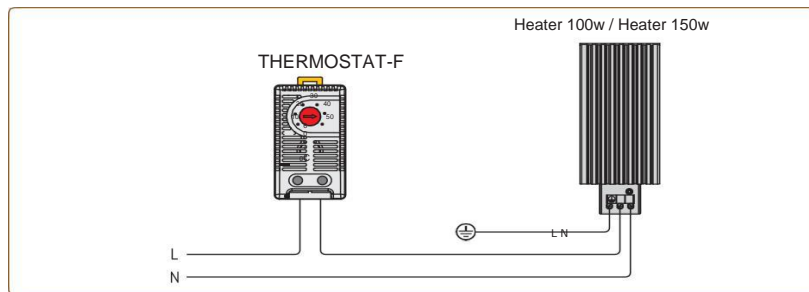
Technical Data

CE RoHS ISO9001 Patent

Heater 100w / Heater 150w	
Operating voltage	120-240V AC/DC ¹ (min. 110V, max. 265V)
Heating element	PTC resistor - temperature limiting
Heater body	extruded aluminium profile, anodised
Connection	3 pressure clamps for stranded wire 0.5-1.5mm ² (with wire end ferrule) and rigid wire 0.5- 2.5mm ²
Connection 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 / I (earthed)
Accessoires	screw fixing, Art. No. 09024.0-00 (1 packing unit = 2 pieces)
Note	other voltages on request

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

Example of connection



Model	Heating capacity ²	Length (L)	Weight (approx.)
Heater 100w	100W	140mm	0.5kg
Heater 150w	150W	220mm	0.7kg

² at +20°C (+68°F) ambient temperature