

SPACE HEATERS (Perforated Body)

For Panel Boards & Switchgear Industries

(SH, SH/SS, SHIL)

- Perforated cover for protection
- Quick and uniform heating
- Withstands mechanical shock and vibration
- Very good insulation resistance



'GIRISHEGO' Range of Space Heaters are ideal for prevention of condensation, corrosion & Leakage currents in L.T. & H.T. Switchgear panel boards / electronic instruments & panels etc.

WORKING PRINCIPLE & FEATURES: The specially developed design incorporates a stainless steel sheathed cartridge heating element in perforated sheet metal enclosure. A black powder coated finish ensures rapid heat dissipation. A 2 x 2.5 mm² porcelain terminal block is provided for electrical connection. Mounting Holes are provided at one side.

Each heater is tested for following specific tests.

- 1) High Voltage Test At 2Kv/1Min
- 2) Insulation Resistance > 10 Mega Ohms.
- 3) Power Rating within ± 5%.

INTENDED USE: Prevention of condensation, corrosion, Leakage currents in L.T. & H.T. Switchgear panel boards / electronic instruments & panels etc.

INSTALLATION: Two Holes of Ø7mm are provided for mounting on one side of the heater. Installation can be done in vertical or horizontal position although horizontal mounting is preferred. Distance from surface of panel should be at least 10mm and distance from plastic parts should be at least 50mm. Connection wire must be on the side or below to avoid warming up of the wire.

REMARK: It is recommended to use a 'GIRISHEGO' thermostat to control the heater.

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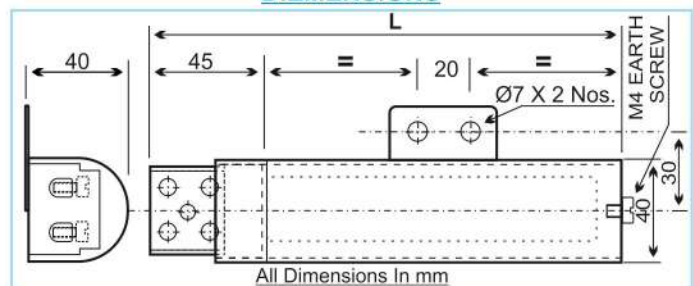


SPACE HEATERS (Perforated Body)

TECHNICAL DATA:

Heating Element	: Invariable Resistor (SS sheathed Cartridge Heater)
Heating Body	: Powder coated Mild Steel Perforated / SS-304 (Optional)
Operating Voltages	: 230Volts AC (also available in 48v,110v,250v & 415v AC)
Available Wattages	: 40Watts To 300Watts
Tolerance on Watts	: ±5% Max @ Rated Voltage
Di-electric Strength	: 2KV for 1 minute
Insulation Resistance	: >10 M ohms
Connections	: 2 Way Porcelain Connector
Terminals	: Suitable for SWG 12 (2.5 Sqr.mm) wires
Protection Type	: IP20
Storage Temp.	: -20 to 100°C

DIEMENSIONS



SPACE HEATERS (WITH PERFORATED BODY)

Type No.	Watts (At 230V AC)	Total Length(L)	Standard Packing
SH/004/145	40W	145 mm	25 Nos.
SH/006/145	60W	145 mm	25 Nos.
SH/008/145	80W	145 mm	25 Nos.
SH/010/175	100W	175 mm	25 Nos.
SH/015/235	150W	235 mm	25 Nos.
SH/020/275	200W	275 mm	25 Nos.
SH/025/275	250W	275 mm	25 Nos.
SH/030/275	300W	275 mm	25 Nos.

Also Available in 48V, 110V, 240V & 415V

Also Available:

IN-LINE FIXING HOLES (SHIL)

SS-304 SHEATHING (SH/SS)

