

ALUMINIUM SPACE HEATERS

For Panel Boards & Switchgear Industries

(SAL, SAL/C, SALM, SALM/C, SALS, SALS/C Models)

- Aluminum body for fast dissipation of heat into air
- Quick and uniform heating
- Withstands mechanical shock and vibration
- Very good insulation resistance
- Elevated body for easy passage of heat



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

WORKING PRINCIPLE & FEATURES: Body is made of anodized heat sink grade extruded aluminium for fast dissipation of heat into air. High quality resistance heating element is insulated with mica for optimum insulation even in extreme humid conditions. Resistance element and insulation are held tight in between aluminium parts and squeezed for quick and uniform heating. Heater can withstand much higher degree of mechanical shock and vibration. Elevated body provides for easy passage of heat directly to air, without heating panel body. An optional Perforated cover made of Powder coated M.S. sheet can be provided for extra safety.

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

INSTALLATION: In END FIXING type model one fixing oval holes of 6.5mmX22.5mm and two 6.5mm Holes are provided **at each end**. In SIDE & MIDDLE FIXING type models one fixing oval hole of 6.5mmX22.5mm and Two 6.5mm Holes are provided in a bracket at Side / Middle 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.

End Fixing Type (SAL)

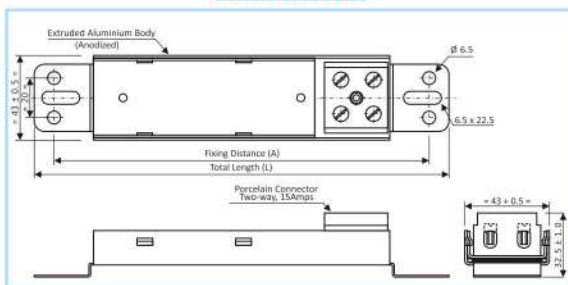


2 KV.
HIGH VOLTAGE
TESTED

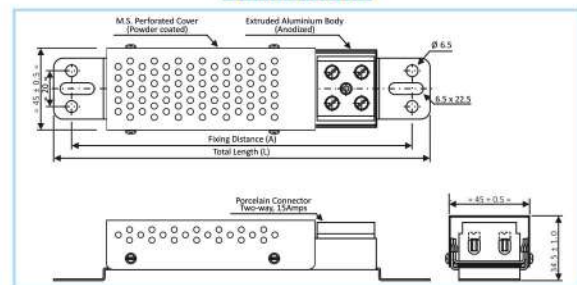
End Fixing Type with Cover (SAL/C)



DIEMENSIONS



DIEMENSIONS



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TECHNICAL DATA:

Heating Element	: Invariable Resistor
Heating Body	: Anodised extruded Aluminium
Cover (Optional)	: Powder coated Mild steel Perforated.
Mounting	: End Fixing / Side Fixing / Middle Fixing Bracket with Ø6.5mm holes & 6.5x22.5mm slots
Operating Voltages	: 230Volts AC (also available in 24v,48v,110v, 240v & 250v)
Available Wattages	: 25Watts To 250Watts
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

End Fixing Type (SAL) & with Cover (SAL/C)

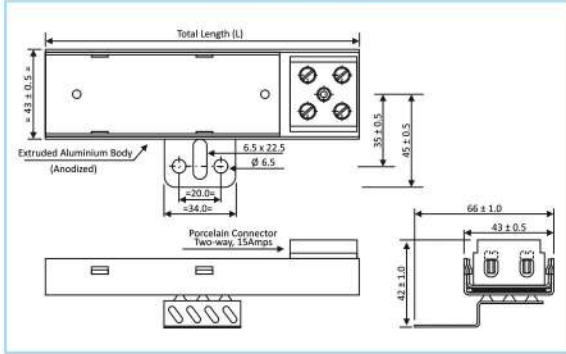
Type No. (Without Cover)	Type No. (With Cover)	Watts (At 230V AC)	Total Length(L)	Fixing Hole C-to-C(A)	Standard Packing
SAL/003/240	SAL/C/003/240	30W	240 mm	220 mm ±6	25 Nos.
SAL/004/240	SAL/C/004/240	40W	240 mm	220 mm ±6	25 Nos.
SAL/005/210	SAL/C/005/210	50W	210 mm	190 mm ±6	25 Nos.
SAL/006/210	SAL/C/006/210	60W	210 mm	190 mm ±6	25 Nos.
SAL/008/210	SAL/C/008/210	80W	210 mm	190 mm ±6	25 Nos.
SAL/010/240	SAL/C/010/240	100W	240 mm	220 mm ±6	25 Nos.
SAL/012/240	SAL/C/012/240	120W	240 mm	220 mm ±6	25 Nos.
SAL/015/270	SAL/C/015/270	150W	270 mm	250 mm ±6	25 Nos.
SAL/018/300	SAL/C/018/300	180W	300 mm	280 mm ±6	25 Nos.
SAL/020/300	SAL/C/020/300	200W	300 mm	280 mm ±6	25 Nos.
SAL/025/330	SAL/C/025/330	250W	330 mm	310 mm ±6	25 Nos.

Also Available in 24V, 48V, 110V, 120V, 220V, 240V & 250V

Middle Fixing Type (SALM)



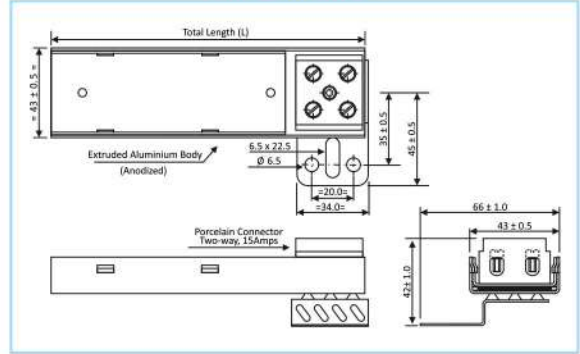
DIEMENSIONS



Side Fixing Type (SALS)

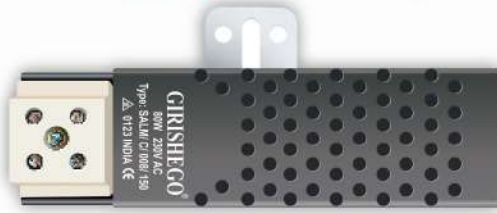


DIEMENSIONS

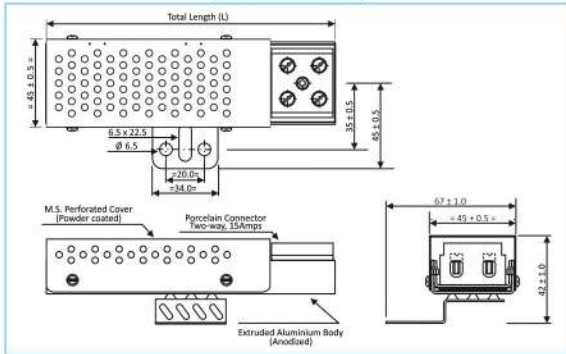


* Mounting Bracket can be provided in LEFT or RIGHT side of the heater

Middle Fixing Type with Cover (SALM/C)



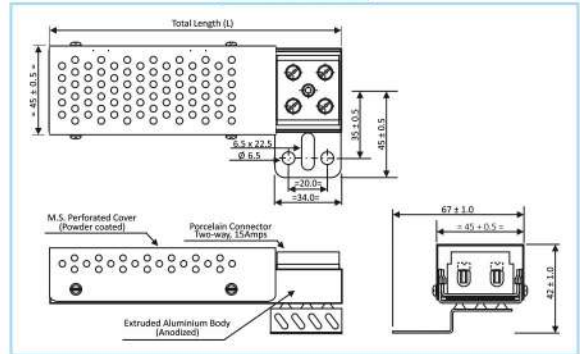
DIEMENSIONS



Side Fixing Type with Cover (SALS/C)



DIEMENSIONS



Middle Fixing (SALM) & with cover (SALM/C) Side Fixing (SALS) & with Cover (SALS/C)

Type No.		Type No.		Watts (At 230V AC)	Total Length(L)	Standard Packing
(With middle Bracket)	(Middle Brkt with Cover)	(With side Bracket)	(Side Brkt with Cover)			
SALM/003/180	SALM/C/003/180	SALS/003/180	SALS/C/003/180	30W	180 mm	25 Nos.
SALM/004/180	SALM/C/004/180	SALS/004/180	SALS/C/004/180	40W	180 mm	25 Nos.
SALM/005/150	SALM/C/005/150	SALS/005/150	SALS/C/005/150	50W	150 mm	25 Nos.
SALM/006/150	SALM/C/006/150	SALS/006/150	SALS/C/006/150	60W	150 mm	25 Nos.
SALM/008/150	SALM/C/008/150	SALS/008/150	SALS/C/008/150	80W	150 mm	25 Nos.
SALM/010/180	SALM/C/010/180	SALS/010/180	SALS/C/010/180	100W	180 mm	25 Nos.
SALM/012/180	SALM/C/012/180	SALS/012/180	SALS/C/012/180	120W	180 mm	25 Nos.
SALM/015/210	SALM/C/015/210	SALS/015/210	SALS/C/015/210	150W	210 mm	25 Nos.
SALM/018/240	SALM/C/018/240	SALS/018/240	SALS/C/018/240	180W	240 mm	25 Nos.
SALM/020/240	SALM/C/020/240	SALS/020/240	SALS/C/020/240	200W	240 mm	25 Nos.
SALM/025/270	SALM/C/025/270	SALS/025/270	SALS/C/025/270	250W	270 mm	25 Nos.

Also Available in 24V, 48V, 110V, 120V, 220V, 240V & 250V

NOTE : The manufacturer reserves the right to change the specification, design & materials of products without prior notice.