

ROUND THERMOSTAT

For Panel Boards & Switchgear Industries

(100 series, 200 series, & LB)

WORKING PRINCIPLE & FEATURES: 'GIRISHEGO' thermostats are ideal for temperature control of space heaters used in LT & HT switchgear & panel boards etc.

PRINCIPLE OF OPERATION: With temp rise, the principle of differential expansion of brass tube and a Nickel/Iron (inver) Rod is used to actuate a highly accurate snap action micro gap switch located in the head which makes it keep the temperature constant within the differential i.e. a single pole, single throw, normally closed circuit breaks (opens) on rise of temperature.

CONSTRUCTION: The micro gap switch assembly is mounted on a heat resistant base, with rigid brass pillar terminals. Heavy duty Ag cdo contacts are provided for long trouble free life. A thermosetting / thermoplastic cover with clear and precise graduations is provided along with a setting knob. Optional bracket with two fixing holes of Dia. 5mm at a center distance of 58mm can be provided. Thermostat can be fixed in any position. These are available in standard stem lengths of 7"(175mm)

INTENDED USE: Temperature control of space heaters used in LT & HT switchgear & panel boards etc.

INSTALLATION: A spring steel clip is provided for snap on fixing of Thermostat, Optional bracket with two fixing holes of Dia. 5mm at a center distance of 58mm can be provided. It can be fixed in any position.

ALSO AVAILABLE:

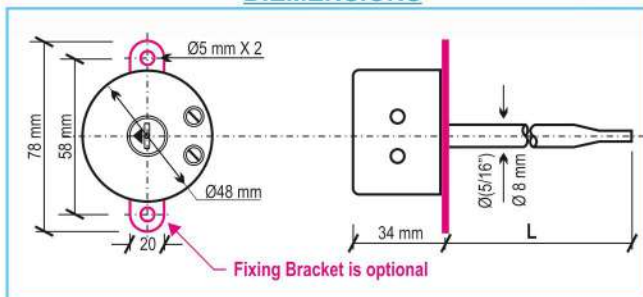
- 1) 48V, 110 V & 415 V AC,
- 2) Stem length of 11" (275mm) & 5" (125mm).
- 3) Normally open contacts (N.O.C)
- 4) 20 Amp. thermostat
- 5) Preset at fixed temperature



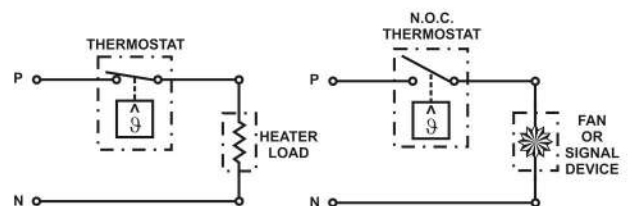
With Fixing Bracket (LB)



DIEMENSIONS



WIRING DIAGRAM



Round Shape Thermostat 15amp-250v Ac

TECHNICAL DATA:	
Contact Rating	: 250V AC - 15 Amps Max.
Contact Type	: Single Pole Single Throw (SPST)
Function	: Breaks On Temp. Rise, Make On Temp. Fall.
Temp. Range	: 25-85°C, 0-60°C,
Differential	: 3-10C or 5% of the Temperature Range
Material	: Brass, Inver, DMC, PF, M5
Stem Length	: 175mm (7"), 275mm(11"),
On Request	: 100mm(4"), 125mm (5")
Stem Dia	: 7.9mm (5/16")
Adjustment	: Control Knob
Connections	: Pillar Terminals
Mounting	: Spring Steel Clip Or Bracket With Two Fixing Holes.
Max. Head Temp.	: T85
Dielectric Strength	: 2KV
Approvals	: ISI, CE (On select models)

Model No.	Stem Length(L).	Temp. Range	Standard Packing
205C	175mm	25-85°C	50 Nos
200C	175mm	0-60°C	50 Nos
208C	175mm	25-125°C	50 Nos
105C	125mm	20-80°C	50 Nos

Standard bracket for type...
 205C: for small clip
 200C /208C/ 210C/105C: Big clip
 For bracket type, add at end of model no. : -LB for side fixing bracket
 For Normal open contacts add at end of the model no. : -NOC