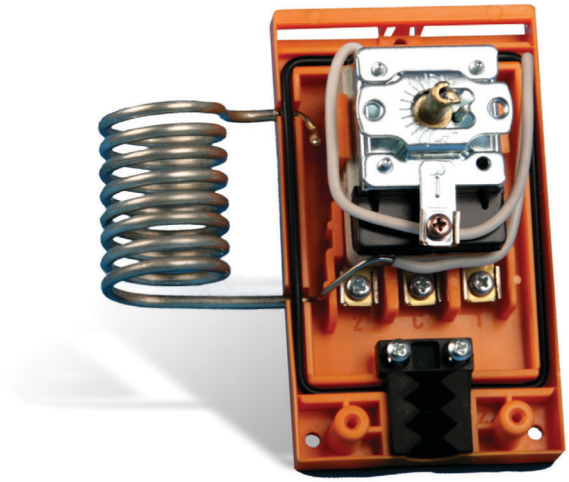


MANUAL THERMOSTAT IP54

The IMRT industrial room thermostats are ideal for applications in demanding (humid) environments. They are single-pole mechanical thermostats suitable for switching fans, electrical heating systems in industrial and agricultural climatology (warehouses, greenhouses, stables etc.). These units have a gas-filled bulb and an optimised external spiral which guarantee an accurate and reliable temperature detection.

Key features

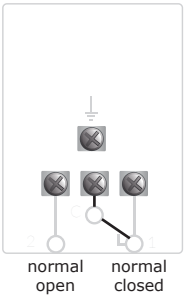
- Optimal temperature range
- Gas-filled bulb sensor type
- Stainless bulb
- Long-term stability and accuracy



Technical specifications

Temperature range		0—40 °C (alternative ranges on request)
Setpoint setting		by scale etched knob
Hysteresis		±4 °C
Temperature gradient		1 °K/15 min
Tolerance		±2 °C
Protection standard		IP54 (according to EN 60529)
Contact rating	Resistive	250 VAC / 16 A 400 VAC / 10 A
	Inductive	250 VAC / 5 A 400 VAC / 1 A
Operating temperature	Bulb	maximum 44 °C
	Environment	80 °C
Operating humidity		< 95 % rH (non-condensing)

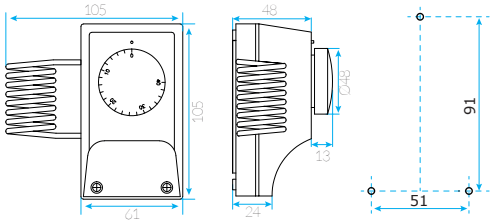
Wiring diagram



Area of use

- Temperature control in demanding (humid) environment
- Industrial premises (warehouses, workshops etc.)
- Agricultural climatology (greenhouses, stables etc.)

Fixing and dimensions



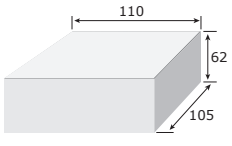
Wiring and connections

1	Normally closed contact
2	Normally open contact
C	Common contact

Standards

- RoHs Directive 2011/65/EU

Packaging



Article	Packaging	Length [mm]	Width [mm]	Height [mm]	Net weight	Gross weight
IMRT	Unit (1 pc.)	105	62	110	0,22 kg	0,25 kg