



MTIS

Mechanical clamp-on thermostat

The MTIS is a series of high quality electro-mechanical thermostats for use in cooling, heating and ventilation systems.

- Wide setpoint range
- Adjustable hysteresis
- Breaking capacity 15 A at 230 V AC
- Protection class IP65

The MTIS electro-mechanical thermostats are constructed around a fluid-filled bulb and sensor housing that transfers the changes in temperature to a change-over relay. The relay is capable of breaking up to 15 A at 230 V AC. Each model also has a sensor element and a mounting clamp for direct fixing on pipe.

Hysteresis

The models have adjustable hysteresis 2...20 K.

Setpoint adjustment

Models are available with setpoint adjustment via a knob mounted either on or under the unit cover.

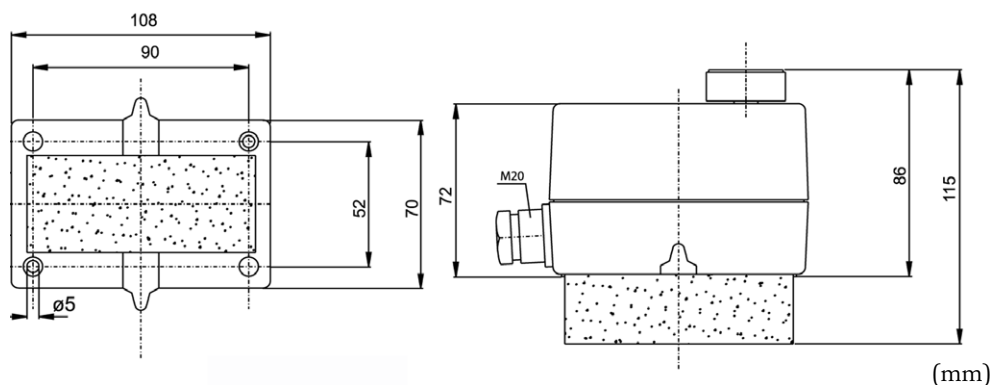
Models

Type	Temperature range	Hysteresis	Hidden setpoint	Max. bulb temp.
MTIS60S	0...60°C	2...20 K		75°C
MTIS60SH	0...60°C	2...20 K	•	75°C
MTIS90S	20...90°C	2...20 K		110°C
MTIS90SH	20...90°C	2...20 K	•	110°C

Technical data

Sensor element	Liquid-filled copper bulb for contact
Contacts	Dust-tight microswitches with SPDT contacts (heat/cool)
Switch capacity	15 (8) A, 24...250 V AC
Ambient temperature	-35...+65°C
Ambient humidity	10...90 % RH (non-condensing)
Material, housing	Bayblend® base, ABS cover
Protection	IP65, class I
Weight	180...500 g
CE	<p>Low Voltage Directive (LVD) & EMC emissions & immunity standards: This product conforms to the requirements of the European Low Voltage Directive (LVD) 2006/95/EC and to the requirements of the EMC Directive 2004/108/EC through product standard EN 60335-1.</p> <p>RoHS: This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council.</p>

Dimensions



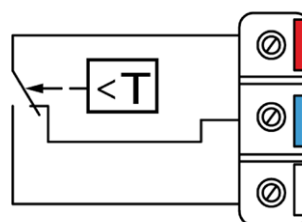
Wiring

Heating

Connect to the red and blue terminal. The contact will open when the temperature rises.

Cooling

Connect to the red and white terminal. The contact will open when the temperature drops.



Product documentation

Document	Type
MTIS_inst	Instruction for MTIS

The document can be downloaded from www.regincontrols.com.

Head Office Sweden

Phone: +46 31 720 02 00
 Web: www.regincontrols.com
 Mail: info@regin.se

REGIN

THE CHALLENGER IN BUILDING AUTOMATION