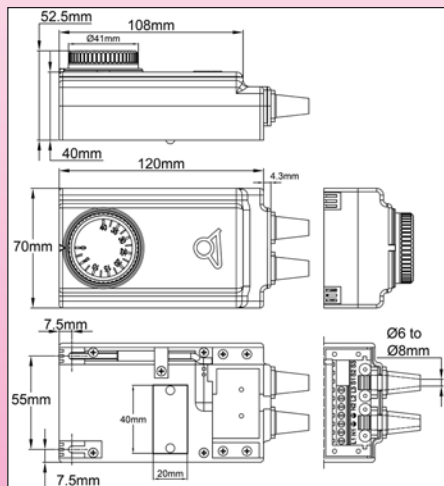


### Antifreeze adjustable electromechanical thermostat, protected sensing element, IP54 housing



**Enclosure :** Light cream color PC-ABS (RAL1010), small footprint , can be hand held or wall mounted  
**Ingress protection rating:** IP54 (IEC 60529)  
**Mechanical impact resistance:** IK05 (EN 62262)  
**Flammability:** UL94-V0  
**Electrical connection:** on a closed screw terminals connection block cavity located backside, for wires gauge up to 2.5 mm<sup>2</sup>. Cables are secured by a saddle retainer, and grommets. If needed, ground, neutral and phase can be connected in input and output.  
**Power inlet and outlet:** throw grommets for cables dia 6 to 8 mm. Over-molded cables on request (MOQ applies)  
**Adjustment:** by °C printed knob, with min or max position adjustment. °F printed knobs on request.  
**Temperature sensing bulb:** The temperature sensing bulb is located backside, in a vented and protected cavity  
**Adjustment ranges:** -35+35°C , 4-40°C,  
**Differential:**  
 -35+35: 3°C±2  
 4-40°C: 3°C ±2  
**Mounting:** Wall mounting, for screws dia 4 to 6 mm, 55 mm distance  
**Identification:** Location backside for 20 x 40 mm identification label, adhesive or riveted  
**Electrical contact:** SPDT 16A 250V  
**Wiring diagram :**



**Main references without cords**

Temperature range	References *
-35+35°C	Y5T1BA70000CUAF2
4-40°C	Y5T1CA70000CUAF2

\* This product is also produced with capillary output and temperature ranges: -35+35°C, 4-40°C, 30-90°C, 30-110°C, 50-200°C, 50-300°C

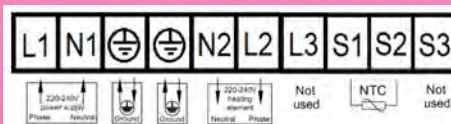
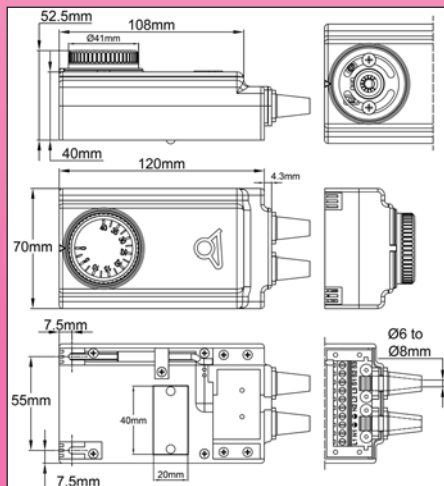
For more information about this product, ask for Y1-Y5 range catalogue

### Electronic antifreeze protection devices, adjustable setting types

### Antifreeze adjustable electronic thermostat, protected sensing element, adjustable differential, IP54 housing



**Enclosure :** Light cream color PC-ABS (RAL1010), small footprint , can be hand held or wall mounted  
**Ingress protection rating:** IP54 (IEC 60529)  
**Mechanical impact resistance:** IK05 (EN 62262)  
**Flammability:** UL94-V0  
**Electrical connection:** on a closed screw terminals connection block cavity located backside, for wires gauge up to 2.5 mm<sup>2</sup>. Cables are secured by a saddle retainer, and grommets. Ground, neutral and phase can be connected in input and output.  
**Electrical inlet and outlet:** throw grommets for cables dia 6 to 8 mm. Over-molded cables available on request (MOQ applies)  
**Adjustment:** by °C printed knob, with min or max position adjustment. °F printed knobs on request.  
**Power supply:** 90-250VAC, 50 or 60Hz  
**Temperature sensor:** NTC sensor, located backside, in a vented and protected cavity  
**Adjustment ranges:** -35+35°C , 0-10°C, 4-40°C,  
**Differential:** adjustable by potentiometer located under the knob  
**Mounting:** Wall mounting, for screws dia 4 to 6 mm, 55 mm distance  
**Identification:** Location backside for 20 x 40 mm identification label, adhesive or riveted  
**Electrical contact:** SPST 16A 250V - Electronic thermostat: SPST+ ground terminal. Open on rise or close on rise action can be set by switch located under the knob.  
**Wiring diagram :**



Temperature range	References*
-35+35°C	Y5TM1AA0000CUCF2
0-10°C	Y5TM2AA0000CUCF2
4-40°C	Y5TM3AA0000CUCF2

\* This product is also produced with remote sensor and temperature ranges: -35+35°C, 4-40°C, 0-10°C, 30-90°C, 30-110°C, 50-200°C, 50-300°C

For more information about this product, ask for Y1-Y5 range catalogue

