



**K373Y012**

**Description**

K373 safety thermostat equipped with immersion probe is used in some applications to control temperature in 40÷80 °C range through an ON/OFF regulator.

It can be used as safety thermostat with automatic reset, as regulator for sanitary hot water accumulators or to control temperature of secondary circuits supplied by interposition of three way diverter valves or two way motorized interception valves or with electrical actuators.

It is supplied with intervention temperature set at 50 °C.

**Versions and product codes**

Product code	Power supply
K373Y012	230 V; 50 Hz

**Operation**

K373 safety thermostat is equipped with an outlet trough closed relay in normal functioning with contacts free from tension.

In case controlled temperature exceeds the value set by trimmer, the relay is de-energized by opening the contact.

A Led on the watertight cover of the cabinet signals the functioning state of the thermostat. When the functioning is normal, and thus controlled temperature is lower than the setting value, the Led turns green and the outlet relay is energized and consequently closed, in these conditions.

In case controlled temperature is higher than setting temperature or in case of anomaly to the probe (short-circuit or disconnection) the Led turns orange and the outlet relay is de-energized and consequently open.

The relay is de-energized with contact opening also in case the tension to thermostat is turned off.

The temperature probe with diameter 6 mm and length 30 mm is equipped with a connecting cable 2 m long.

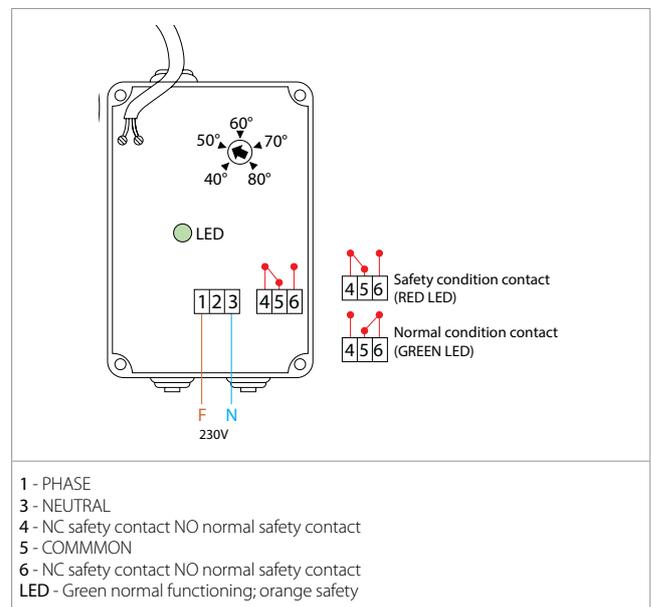
With it, the control is also possible in applications where the pit of the probe needs to be placed away from the thermostat for technical reasons.

The immersion probe of K373 thermostat is positioned by using the apposite 1/2"x 6 mm R227-1 probe-holder, that is already included with thermostat.

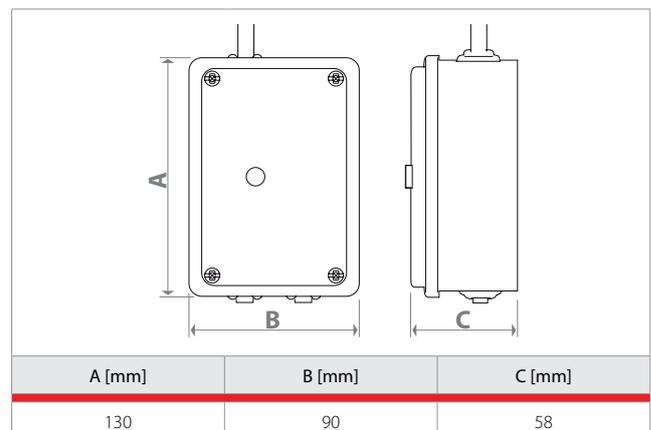
**Technical data**

- Supply 230V water gauge 50 Hz
- Outlet through relay with contacts free from tension
- Outlet contact NA and NC
- Immersion temperature probe with cable 2 m long
- Trimmer to adjust temperature with 40÷80 °C graduated scale
- ON/OFF regulator with 3 °C differential
- Two-colour Led to indicate the state
- Automatic protection in case of anomaly
- Automatic reset
- Extractable connecting terminal boxes
- Watertight cabinet of the thermostat size 130 x 90 x 58 mm
- Protection level IP55

**Electrical connection**



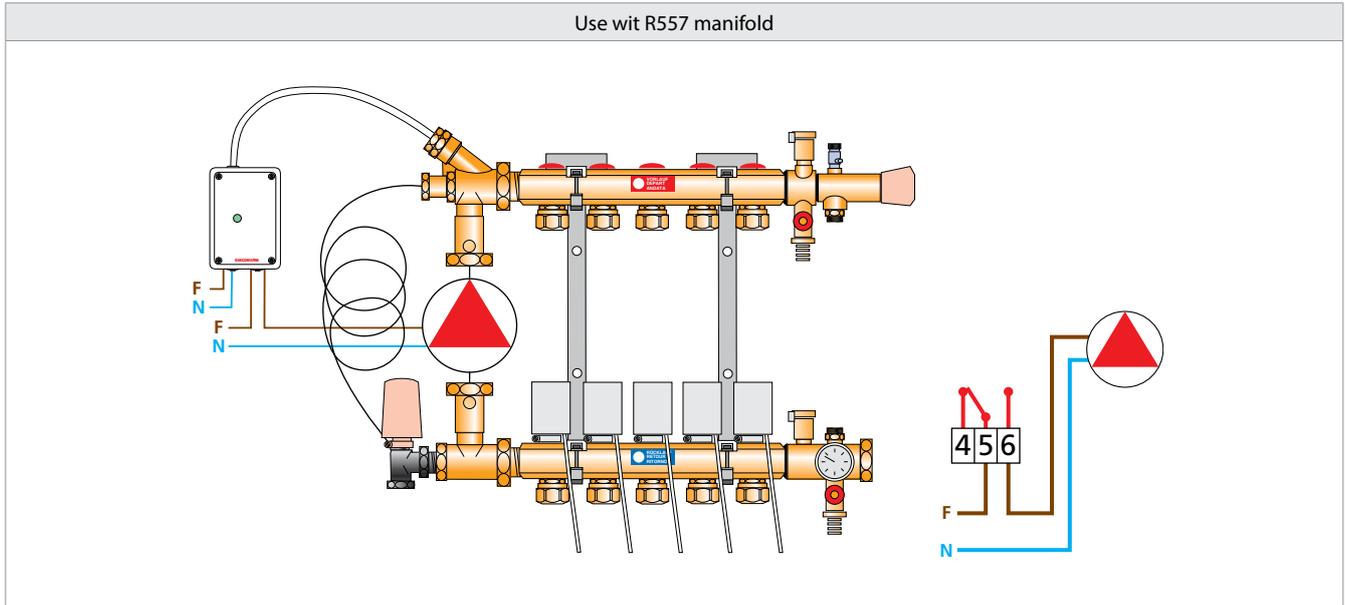
**Dimensions**





Typical application

Use wit R557 manifold



**Additional information**

For more information, go to [www.giacomini.com](http://www.giacomini.com) or contact our technical assistance service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy