



K373

Use

K373 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.

Features

K373 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.

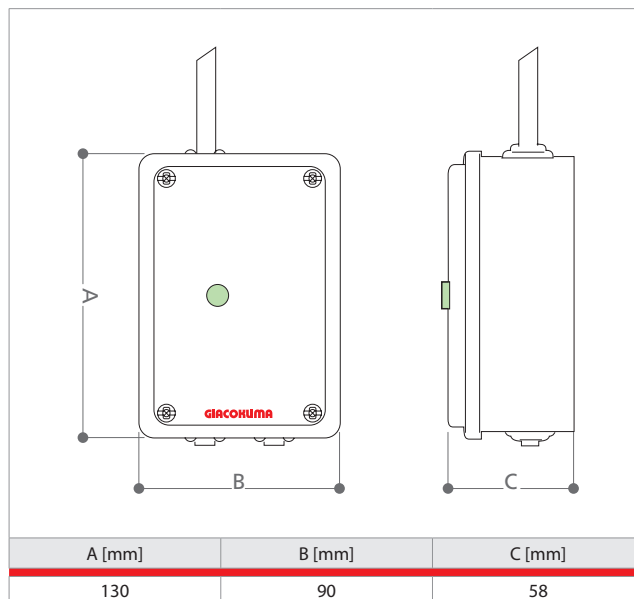
A Led on the watertight cover of the cabinet signals the functioning state of the thermostat. When the functioning is normal, and thus controlled temperature is lower than the setting value, the Led turns green and the outlet relay is energized and consequently closed, in these conditions. In case controlled 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 2000 mm 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 pit, that is already included in K373Y012 version.

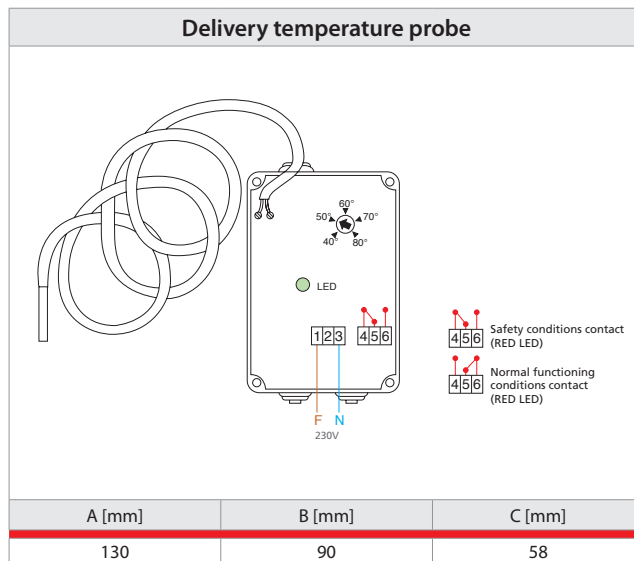
Technical data

- Supply 230V water gauge 50 Hz
- Outlet through relay with contacts free from tension
- Outlet contact NA and NC
- Immersion temperature probe with cable 2000 mm long
- Trimmer to adjust temperature with 40 °C - 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

Size

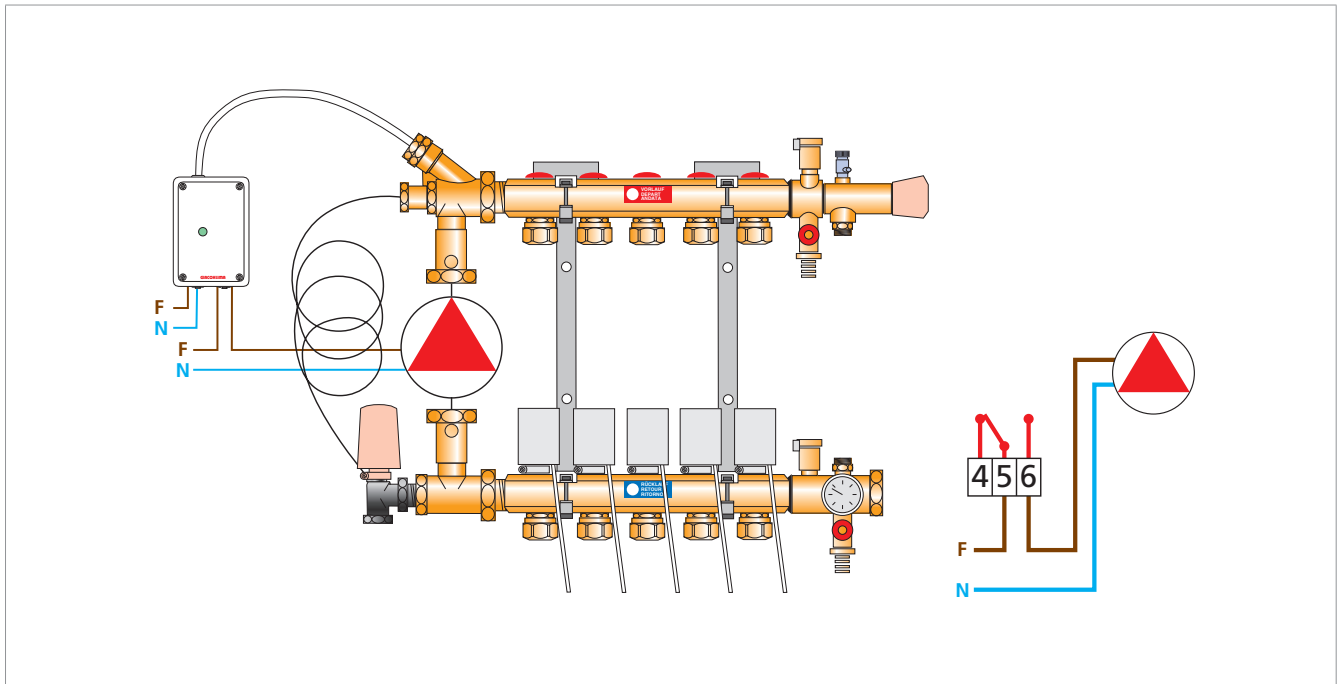


Installation

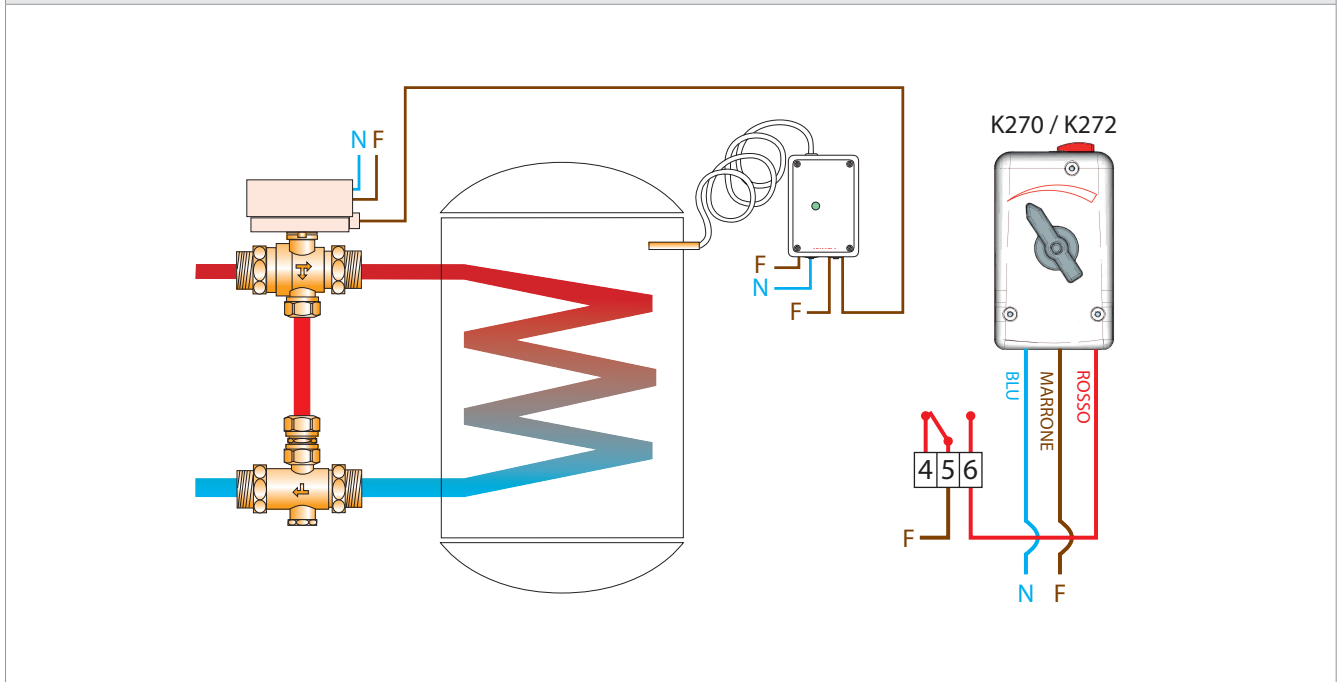


- 1 - PHASE
- 3 - NEUTRAL
- 4 - NC safety contact NO normal safety contact
- 5 - COMMON
- 6 - NC safety contact NO normal safety contact
- LED - Green normal functioning; orange safety

THERMOSTAT WITH IMMERSION PROBE - K373



Use as regulator with zone valve and zone motor



Additional information

For additional information please check the Giacomini website at the following address: www.giacomini.com

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