

K373I

Immersion safety thermostat K373Y033



Energy
Management

Datasheet
0546EN 12/2019



CE 0497
INAIL

The K373Y033 is a safety thermostat with manual reset, for use in a boiler room, INAIL-approved.

The device is an immersion one (with a sensitive bulb to be inserted in the pipes). It works automatically: when the calibration temperature of the limiter (pre-set in the factory at a value of 100 °C) is reached, the heat flow from the generator is interrupted.

The flow restarts when the water temperature falls below the set calibration value.

The reset can only be made manually (using a tool, if necessary).

NOTE. Thermostat K373Y033 complies with the regulations of INAIL "R" collection - Technical application specifications of Title II of Ministerial Decree 1.12.75 (Italy).

Versions and product codes

PRODUCT CODE	CONNECTION
K373Y033	1/2"NPT-M

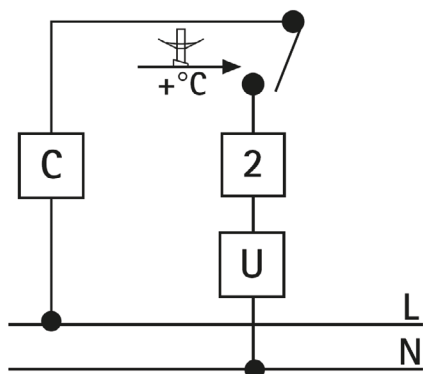
Compliance

- Compliance with standards EN 60730-1 e EN 60730-2-9
- Compliance with Directive 2014/35/UE (Low Voltage)
- Compliance with Directive 2014/30/UE (Electromagnetic Compatibility)
- CE mark
- Compliance with Directive "PED" 2014/68/UE
- INAIL-approved.

Technical data

- Tolerance: -6 K
- Limiter factory calibration 110 °C (+0/-6 °C)
- Thermal gradient: < 1 K/min
- Time constant: < 1'
- Max. head temperature: 80 °C
- Max. bulb temperature: 125 °C
- Bulb length: 97 mm
- Housing (included): 1/2"NPT-M; length 100 mm
- Max. working pressure 10 bar
- Manual reset button
- Output contacts (interruption)
- Contact capacity: 10 (2,5) A/250 V (contact 2)
- Fairlead: M20 x 1,5 mm
- Protection degree: IP40
- Insulation class: I
- Storage temperature: -15÷55 °C

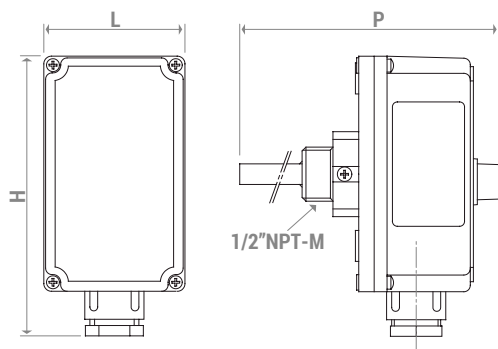
Electrical connections



TERMINAL	FUNCTION
2	Opens the circuit with the increase in temperature
C	Common input

⚠ WARNING. The device must be installed and wired up by specialised personnel only, scrupulously respecting the current safety standards and legal requirements.

Dimensions



PRODUCT CODE	L [mm]	H [mm]	P [mm]
K373Y033	55	110	162

Product specification

K373Y033

Immersion safety thermostat with manual reset. Installation with sensitive bulb inserted in heating system pipes. Housing 1/2"NPT-M included. Max. working pressure 10 bar. Max. head temperature: 80 °C. Max. bulb temperature: 125 °C. Limiter factory calibration 110 °C (+0/-6 °C). Manual reset button. Dimensions: 55x110x162 mm (LxHxD). Compliance with standards EN 60730-1 e EN 60730-2-g. Compliance with Directive 2014/35/UE (Low Voltage). Compliance with Directive 2014/30/UE (Electromagnetic Compatibility). CE mark. Compliance with Directive "PED" 2014/68/UE. INAIL-approved.

⚠ Safety Warning. Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

♻ Package Disposal. Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

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♻ Product Disposal. Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.