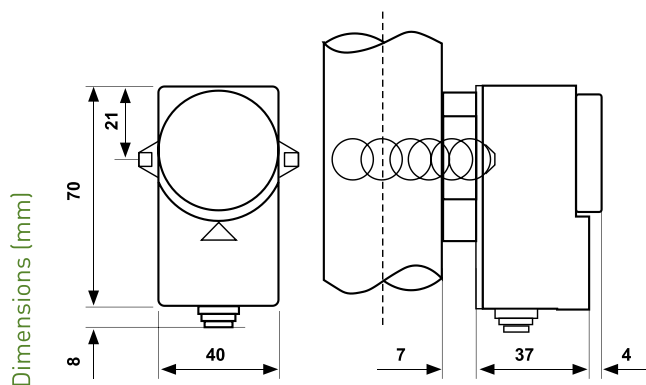


Thermostat to control water temperature in heating pipe installations, for example to switch-off the circulation pump when the water temperature has dropped or to switch-on the air heater when the water temperature reaches the set value.



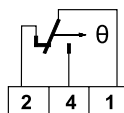
	Temperature range °C	Differential* K	Calibration accuracy °C	Admissible body temperature °C	Maximum bulb temperature °C	Protection level
C01A	20 ÷ 90	8	± 3	120	120	IP40

\*The differential is subtracted from the range value. The differential values refer to a thermal gradient of 6K/hour.

## ELECTRICAL FEATURES

Two directions microswitch of instant action with AGcdO contacts.

Contact parameters in compliance with EN 60730-1: 15(6)A 250V~ 50Hz.



Parameters in compliance with EN 60947-5-1:

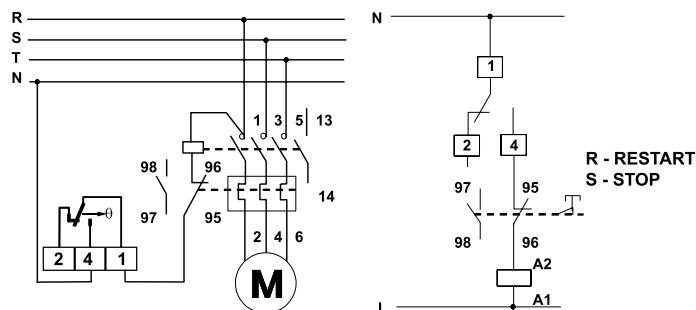
Nominal insulation voltage:  $U_i$  380V~.

Nominal continuous current:  $I_{th}$  15A.

Nominal operating current  $I_e$ :

		220V~	250V~	380V~
Resistive load	AC-12	-	15A	10A
Inductive load	AC-15	-	2,5A	1,5A
Direct current	DC-13	0,2A	-	-

### EXAMPLE OF ELECTRICAL CONNECTION FOR THE CIRCULATION PUMP



The circulation pump stops when the temperature drops below the detachment value.

## STANDARDS AND CERTIFICATES

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Compliance with standards EN 60947-5-1, EN60730-1.

## INSTALLATION

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Installation on the pipeline through the elastic metallic tape, supplied with a length of 26 cm.  
Heat-conducting metallic paste for heat exchange improvement (on request).

## OPERATION

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When the temperature increases: 1-2 are opening, 1-4 are closing.

Liquid expansion function.

Temperature measurement by means of the direct contact located between the pipeline surface and the sensing element (may be used a heat-conducting metallic paste, available on request).

## FEATURES

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Sensing element with stainless steel diaphragm, including support with hooks for the elastic metallic tape (included in the package).

Base, cover and knob in shock-proof self-extinguishing thermoplastic material V0.

Electrical connection output with PVC cable gland.

Storage and transport temperature:  $-35 \div 120$  °C.

Unit weight: 0,16 Kg.

Protection level: IP40.

## ACCESSORIES

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303298LA

Cable gland G1/2 for connection output in shock-proof self-extinguishing thermoplastic material V0.



2055060

Heat-conducting paste bags.