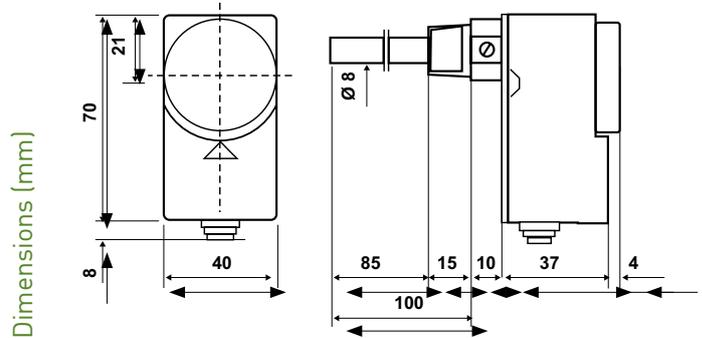


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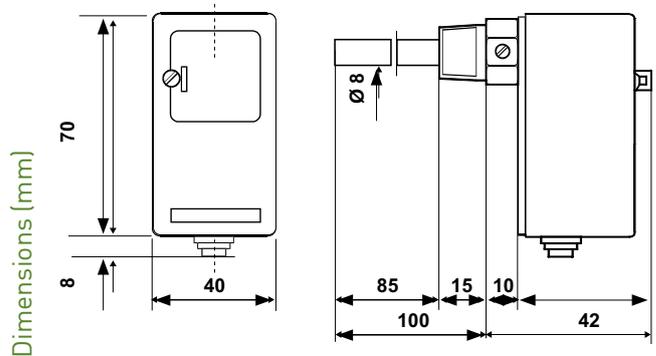
Immersion thermostats for direct mounting

Thermostats for direct mounting on the pipeline, supplied with special casing for immersion into the controlled liquid. Suitable for boilers, heating systems, circulation pumps, burners, air heaters.



	Temperature range °C	Differential K	Calibration accuracy °C	Maximum bulb temperature °C	Protection level
C03A3	10 ÷ 90	6 ± 1	± 3	150	IP40
C03B3	40 ÷ 120	6 ± 1	± 3	150	IP40

EXECUTION WITH INTERNAL REGULATION



C03A3RI	10 ÷ 90	6 ± 1	± 3	150	IP40
C03B3RI	40 ÷ 120	6 ± 1	± 3	150	IP40

*The differential is subtracted from the range value. The differential values refer to a thermal gradient of 1K/hour in liquid and 4K/hour in air.

ELECTRICAL FEATURES

Two directions microswitch of instant action with AGcd0 contacts.

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

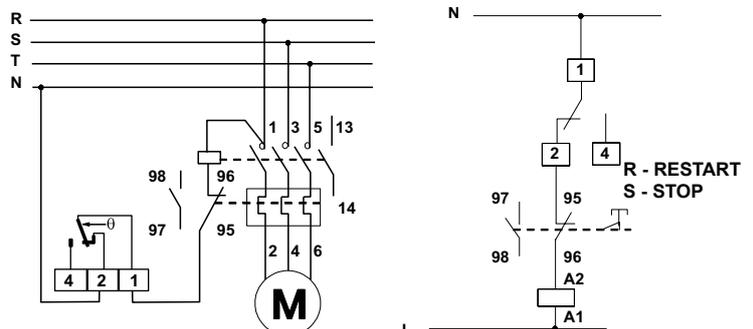
Parameters in compliance with EN 60947-5-1:

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



STANDARDS AND CERTIFICATES

Compliance with standards EN 60947-5-1, EN 60730-1.
ISPESL approval for C03A3.

INSTALLATION

Direct immersion mounting of the bulb through a threaded sheath GC 1/2 PN10 (included in the package).

OPERATION

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

FEATURES

Sensing element with stainless steel diaphragm.
Copper bulb and capillary.
Copper sheath with connection Gc 1/2 PN10.
Base, cover and knob in shock-proof self-extinguishing thermoplastic material V0.
Electrical connection output with PVC cable gland.
Admissible body temperature: 120°C.
Storage and transport temperature: -35 ÷ 120°C.