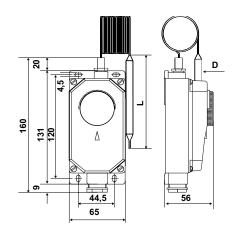
C04..Y

Thermostats with capillary and bulb for remote mounting, IP65

Thermostats with capillary to control the temperature in the boilers, in the air-conditioning and cooling systems, in household appliances, in electrical furnaces.

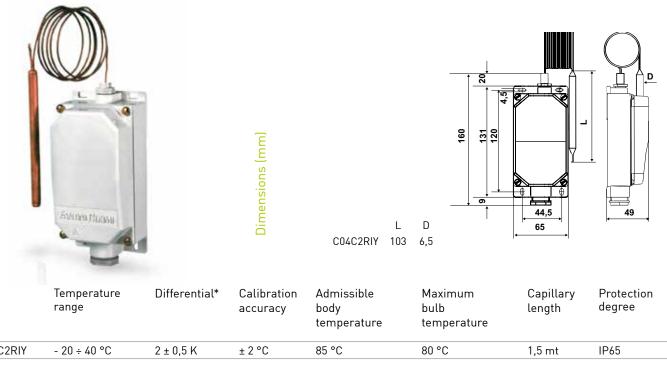


C04A3Y 73,5 6,5 C04B3Y 65 5 C04C2Y 103 6,5 C04D2Y 103 6,5 C04E3Y 73,5 6,5



	Temperature range	Differential*	Calibration accuracy	Admissible body temperature	Maximum bulb temperature	Capillary length	Protection degree
C04A3Y	10 ÷ 90 °C	6 ± 1 K	±3°C	85 °C	150 °C	1 mt	IP65
C04B3Y	50 ÷ 300 °C	8 ± 2 K	±3°C	85 °C	350 °C	1,5 mt	IP65
C04C2Y	- 20 ÷ 40 °C	2 ± 0,5 K	± 2 °C	85 °C	80 °C	1,5 mt	IP65
C04D2Y	- 35 ÷ 20 °C	2 ± 0,5 K	± 2 °C	85 °C	80 °C	1,5 mt	IP65
C04E3Y	40 ÷ 120 °C	6 ± 2 K	±3°C	85 °C	150 °C	1 mt	IP65

Waterproof execution IP65 with internal regulation



^{*}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 AGcdO contacts. Contact parameters in compliance with EN 60730-1:

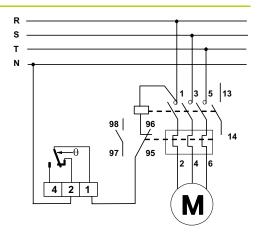
15(6)A 250V~ 50Hz.

Parameters in compliance with EN 60947-5-1:

Nominal insulation voltage: Ui 380V~. Nominal continuous current: Ith 15A.

Nominal operating current le: 220V- 250V~ 380V~ Resistive load AC-12 - 15A 10A Inductive load AC-15 - 2,5A 1,5A Direct current DC-13 0.2A - -





STANDARDS AND APPROVALS

Compliance with standards EN 60947-5-1, EN 60730-1



INSTALLATION

Wall mounting for the thermostat body.

The bulb with capillary can be mounted remotely and is provided with seal caps or copper sheath with GC 1/2 connection.

OPERATION

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

Liquid expansion function.

FEATURES

Sealable casing after the calibration is done.

Sensing element with stainless steel diaphragm.

Copper bulb and capillary.

Copper bulb and capillary, tinned for types C04C2.. and C04D2..

Base in shock-proof self-extinguishing thermoplastic material VO.

Electrical connection output with G 1/2 cable gland.

The storage and transport temperature corresponds to the thermostat's body admissible temperature.

Unit weight: 0,16 Kg.

ACCESSORIES



G23

Seal cap Gc 1/2 PN10 bar, without sheath.



G28

Copper sheath Gc 1/2 PN10 bar, length 177mm, supplied with spring to fix the capillary.

EXECUTION UPON REQUEST WITH SPECIAL TEMPERATURE RANGE

	Temperature (1 range °C	I) Scale (*) angle °C	Range in execution fixed calibration
C04A xx yy	0 ÷ 120	80	10 ÷ 80
C04B xx yy	10 ÷ 300	250	
C04C xx yy	-35 ÷ 60	60	- 20 ÷ 60
C04D xx yy	-35 ÷ 60	75	
C04E xx yy	10 ÷ 320	270	

NOTE:

Special temperature range is chosen in the range of temperature (1) and must always exceed the set value "scale angle" (*).

EXAMPLE:

C04 - 10/50, special execution C02, temperature range -10 \div 50°C, scale angle 60°C.