

C10 Thermostats with spiral capillary for industrial ambients

DESCRIPTION

Thermostats suitable to control the temperature in industrial warehouses, in refrigerating rooms, in plants ripening systems, in greenhouses, in industrial control cabinets.

- Liquid expansion operation, the ambient temperature is detected by the spiral capillary.
- Wall mounting.
- Sensitive element with stainless steel diaphragm
- Tinned copper spiral capillary.
- Base, cover and knob in shock-proof selfextinguishing thermoplastic V0.
- Compliance with standards CEI EN 60947-5-1

ELECTRICAL FEATURES

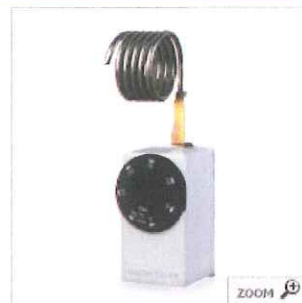
Rated insulation voltage U_i 380V~

Continuous duty rated current I_{th} 15A

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

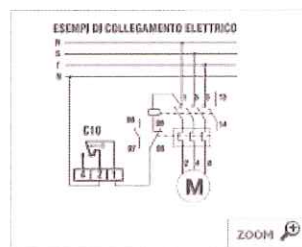
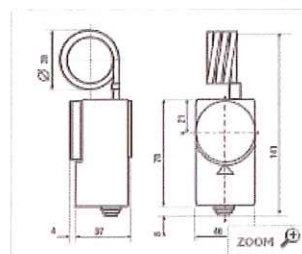
DATASHEET

	Range °C	Differential K	Calibration accuracy °C	Admissible Thermostat body temperature °C	Maximum Bulb temperature °C	Protection level
C10A2	0 ÷ 60	2 ± 0,5	± 2	-10 ÷ 80	80	IP40
C10B2	-20 ÷ 40	2 ± 0,5	± 2	-20 ÷ 60	60	IP40
C10C2	-35 ÷ 20	2 ± 0,5	± 2	-35 ÷ 50	50	IP40



■ form C10

■ instructions C10



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7R1.. 7R2.. Ambient thermostat in sealed container

DESCRIPTION

SPDT contacts: C/NO/NC.
Contact Rating 16(4)A 250Vca.

Provided with liquid filled sensing element and laced in IP55 housings, they are suitable for the temperature regulation of environments like greenhouses and livestock raising facilities..

DATASHEET

ADJUSTMENT RANGE (°C)	TYPE OF SENSOR		SENSING ELEMENT	PROTECTION LEVEL	MODEL	CODE
	liquid filled	bimetallic	stainless steel spiral bulb			
0 + 40		*	*	IP55	7R1	7R1-5R306-00A
0 + 60		*	*			7R1-6R306-00A
-15 + 40		*	*			7R1-XR306-00A
0 + 40	*		*		7R2	7R2-50306-00A
0 + 60	*		*			7R2-60306-00A

Other temperature ranges and versions available on request.



External regulation



Internal regulation

