

CAPILLARY THERMOSTATS

USE

-Capillary thermostats for water temperature control in boilers, air conditioning, cooling units and systems, domestic appliances, electric ovens.

INSTALLATION AND OPERATION

- Liquid expansion sensing element
- Surface installation
- The bulb can be installed remotely; G ½" copper pocket or fixing plugs are available on request. (See accessories C.. Y)

TECHNICAL FEATURES

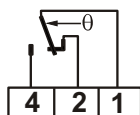
- Stainless steel sensing element membrane
- Copper bulb and capillary. Tin-plated copper for C04C and C04D types.
- V0 self-extinguishing, antishock and thermoplastic material base
- PVC grommet for cable entry.

HOMOLOGATION AND STANDARDS

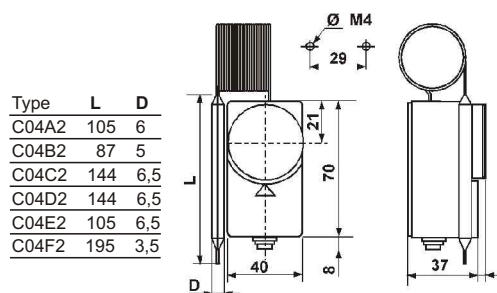
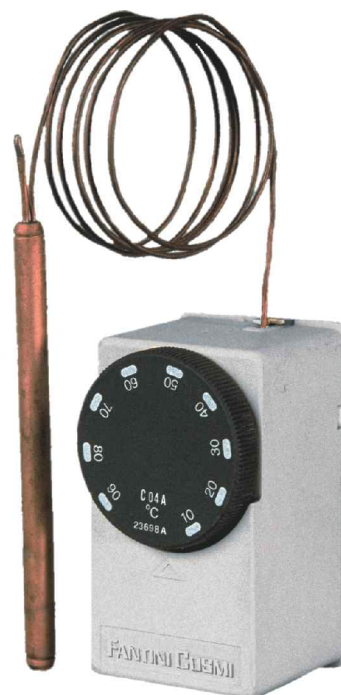
- Complies with CEI EN 60947-5-1
- VDE homologation
- C04A with I.S.P.E.S.L. homologation

ELECTRICAL FEATURES

- Snap action SPDT microswitch with AgCdO contacts
- When temperature rises : 1-2 opens 1-4 closes



Nominal insulation tension:	Ui 380V~			
Continuous duty nominal current	Ith 15A			
Operating nominal current	Ie: 220v - 250v - 380v			
Resistive load	AC-12	-	10A	10A
Inductive load	AC-15	-	2.5A	1.5A
Direct current	DC-13	0.2A	-	-



TYPE	Range °C	Differential K *	Differential accuracy °C	Max allowable body temperature °C	Max element temperature °C	Capillary lenght m	Protection	Weight Kg	Box pcs N°
C04A2	10 to 90	6±1	±3	-35 to 120	150	1	IP40	0.16	
C04B2	50 to 300	8±2	±3	-35 to 120	310	1.5	IP40	0.16	
C04C2	-20 to 40	2±0.5	±2	-35 to 60	80	1.5	IP40	0.17	
C04D2	-35 to 20	2±0.5	±2	-35 to 50	80	1.5	IP40	0.17	
C04E2	40 to 120	6±2	±3	-35 to 120	150	1	IP40	0.16	

*The differential value must be deducted from the set value

Differential values refer to a temperature rising speed of K1/Min in liquid and 5 K/hour in air

♦ Transport and storage temperatures are equivalent to the max. allowable thermostat body temperature .

ACCESSORIES

- G ½ " cable gland in V0 self-extinguishing, antishock thermoplastic material..... code 303298L
- antishock thermoplastic material..... code 303298L
- Gc ½ sealed plug.....type G23
- 175mm pocket with Gc ½ " threaded connection.....type G24

STANDARD EXECUTIONS

IP 65 waterproof execution (see page C.Y)..... C04CY

SPECIAL EXECUTIONS

- special temperature range.....C04A 0 to 80°C
- Internal temperature setting.....C04 RI

EXAMPLE : ELECTRICAL WIRING

