

IMMERSION THERMOSTATS

USE

- Thermostats for direct piping installation; standard execution with immersion pocket.
- Suitable for boilers, heating installations, circulators, burners, AHU, etc.

INSTALLATION AND OPERATION

- Liquid expansion sensing element.
- Direct installation by means of a threaded G 1/2" pocket (included in the packaging).

TECHNICAL FEATURES

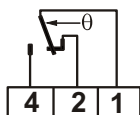
- Stainless steel sensing element membrane.
- Copper bulb and capillary.
- PN 10 Copper pocket with G 1/2" connection.
- Base, cover and knob are in V0 self-extinguishing, antishock thermoplastic material.
- PVC grommet for cable entry. G 1/2 " cable gland available on request (see accessories)

HOMOLOGATION AND STANDARDS

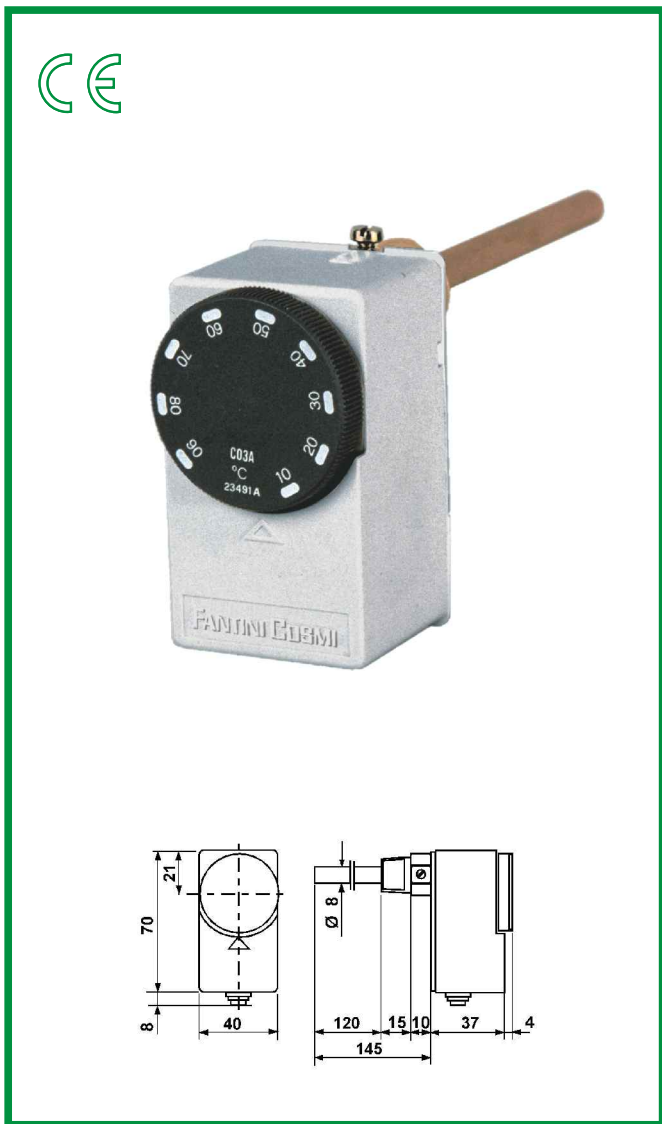
- Complies with CEI EN 60947-5-1 standards
- VDE homologation
- C03A with I.S.P.E.S.L. Homologation

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 | - |



| TIPO | Range °C | Differential * K | Differential accuracy °C | Max allowable body temperature °C ♦ | Max element temperature °C | Protection | Weight Kg | Box pcs. N° |
|--------------|-----------|------------------|--------------------------|-------------------------------------|----------------------------|------------|-----------|-------------|
| C03A2 | 10 to 90 | 6±1 | ±3 | -35 to 120 | 150 | IP40 | 0.22 | |
| C03B2 | 40 to 120 | 6±1 | ±3 | -35 to 120 | 150 | IP40 | 0.21 | |

- * The differential value must be deducted from the set value
- Differential values refer to a temperature rising speed of 1K/Min
- ♦ Transport and storage temperatures are equivalent to the max. allowable thermostat body temperature

ACCESSORIES

G 1/2 " cable gland in V0 self-extinguishing, antishock, thermoplastic material. Code **303298L**

SPECIAL EXECUTIONS (only for high qty, please ask for offer)

- Special temperature range.....C03A 0 to 80°C
- Internal setting.....C03A RI
- Customized knob

