

Multi-Stage Capillary Thermostats

Features



- IP65 Protection
- Robust housing

Specification

Control range:

ST-CM01	-30 to +30°C
ST-CM02	+20 to +90°C

Differential:

ST-CM01	1st 1°C / 2nd 2 to 10°C
ST-CM02	1st 1°C / 2nd 2 to 10°C

Switch rating 24 to 250Vac @ 15(8)A

Sensing element Liquid filled coiled copper bulb for contact

Housing material:

Cover	ABS
Base	Byblend

Housing dimensions:

ST-CM01 & 02	108 x 70 x 72mm
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Capillary dimensions 9.5mm dia x 124mm

Capillary length 1.5 meters

Ambient range:

Housing temp.	-35 to +65°C
RH	0 to 95% (non-condensing)
Storage	-40 to +70°C

Protection IP65

Conformity CE Marked

Country of origin Italy

Product Codes

ST-CM01

1.5m Capillary thermostat, -30 to +30°C auto reset
Two-stage
(max. bulb temp. 60°C)

ST-CM02

1.5m Capillary thermostat, +20 to +90°C auto reset
Two-Stage
(max. bulb temp. 100°C)

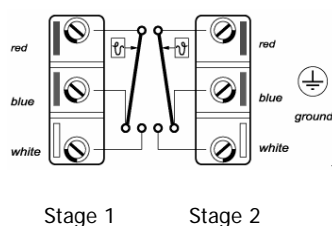
Technical Overview

The ST-CM range of capillary thermostats can be used to control the temperature of liquids and gases in a variety of applications. Liquid filled sensing elements ensure rapid response and accurate switching differentials.

Installation

1. The ST-CM should only be installed by a competent, suitably trained technician, experienced in installation with hazardous voltages. (>50Vac & <1000Vac or >75Vdc & 1500Vdc)
2. Ensure that all power is disconnected before carrying out any work on the ST-CM.
3. Maximum cable is 2.5mm², care must be taken not to over tighten terminals.
4. Choose a suitable location for mounting the thermostat.
5. Remove the front cover and mount the ST-CM, using the base as a template fix using suitable screws.
6. Fix the capillary in position.
7. Run cable through the cable gland and terminate as required.
8. Adjust the setpoint as required and replace the front cover.

Connections



Red	Common
Blue	Heating N/C Cooling N/O
White	Cooling N/C Heating N/O

Dimensions

