General description

Temperature sensor for remote control of the temperature in the area where it is installed. The electronic circuit integrates a temperature sensor. It has a discretized PI regulator with programmable temperature control for a greater comfort and energy savings.

Capacity

To do a partial control we can use as many cubic-t as independent zones with different temperatures we wished to centralized monitor from any interface such as touch screen, PC, etc. So we are able to control independently and customized each of the rooms or zones of the installation in a remote way.

Temperature range from 0 to 51ºC.

Mounting in universal mechanism box or directly over the wall.

It can be used to control temperature or to control fancoils.

Function Modes:

• **Summer mode:** Perform actions when cooling is demanded.

• **Winter mode**: Perform actions when heat is demanded.

• **Mixed mode:** Summer and winter mode simultaneously.

• **Off mode:** Temperature reading, no actions are executed.

Technical information

Supply – 9 - 16 Vdc

Consumption – 10 mA @ 12Vdc

Temperature range - 0ºC to 51ºC.

Mounting – In universal mechanism box or directly over the wall.

Size – 88 x 88 x 6 mm.

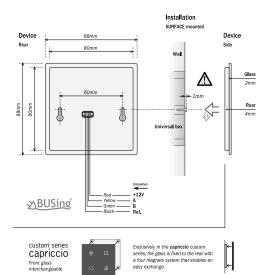**Environment temperature range** - Operation: from -10ºC to 55ºC / Storage: from -30ºC to 60ºC / Transportation: from -30ºC to 60ºC.

Regulation - According to the directives of electromagnetic compatibility and low voltage •EN 50090-2-2 / UNE-EN 61000-6-3:2007/ UNE-EN 61000-6-1:2007 / UNE-EN 61010-1.

Installation

⚠ The device is installed hanging from the two parallel grooves on its rear. Two **conical head screws** are used in wall and/or universal mechanism box. It is **VERY IMPORTANT** that the screws head excels **1mm** from the wall.

Installation
SURFACE mounted

custom series
capriccio
Front glass interchangeable

Exclusively in the **capriccio** custom series, the glass is fixed to the rear with a four magnets system that enables an easy exchange.

Remarks

-Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

-Use flexible shielded 4 wires x 0,22 mm^2 cable or 2 wires x 0,5mm^2 + 2 wires x 0,22mm^2 for the BUS.

-Follow a colour code for the BUS. Our ref: Red +12V, Yellow: A, Green: B, Black: Ref.

QR-Code