

General description

The Cubic-TLV model is an 8 tactile areas pushbutton with internal thermostat. 4 of its 8 tactile areas, located on the upper half, are factory preconfigured and are not editable. They enable the setpoint temperature and summer/winter mode selection. Besides, on the lower half, it has 4 areas fully configurable through SIDE.

Each tactile area has a LED indicator associated.

It incorporates discretized PI regulator with temperature control by programming, to achieve greater comfort and energy savings.

Capacity

As it has 4 fully configurable inputs, allow the on/off control of 4 electric circuits, 2 blinds (necessary 2 outputs per blind: upwards and downwards movement), or 1 fancoil.

To do a partial control we can use as many Cubic-TL as independent zones with different temperatures as we wished to control centrally from any interface such as touch screen, PC, etc. This way, 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 51°C. Mounting in universal mechanism box. It can be used to control temperature or to 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 – 35 mA @ 12Vdc

Temperature range - 0°C to 51°C.

Mounting – In universal mechanism box.

Size– 88 x 129 x 6 mm.

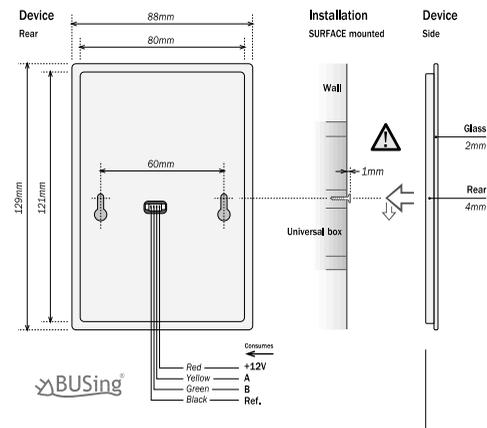
Environment temperature range - Operation: from -10°C to 55°C / Storage: from -30°C to 60°C / Transportation: from -30°C to 60°C.

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 central head screws are used in wall and/or universal mechanism box. It is **VERY IMPORTANT** that the screws head exceeds 1mm from the wall.



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 mm² cable or 2 wires x 0,5 mm² + 2 wires x 0,22mm² for the BUS.
- Follow a colour code for the BUS. Our ref: Red +12V, Yellow: A, Green: B, Black: Ref.

QR-Code

