

General description

The SR59X2X0 model is a thermostat with LED indicators consisting of 8 independent touch areas.

Its 8 independent touch areas allow control of both the functions of the internal thermostat and other actions on any KNX device: on / off circuit control, blinds, light regulation ...

The device also has a humidity sensor and dew point calculation.

Characteristics

- 1 internal thermostat.
- 1 humidity sensor.
- Programmable inputs to work as switch or push buttons.
- Arithmetic and Logic Unit (ALU) that allows to program complex logic operations, timers programming, counters, etc. using internal or external variables.
- Cleaning and night programmable modes.
- Temperature range from 0 °C to 51 °C.

Technical information

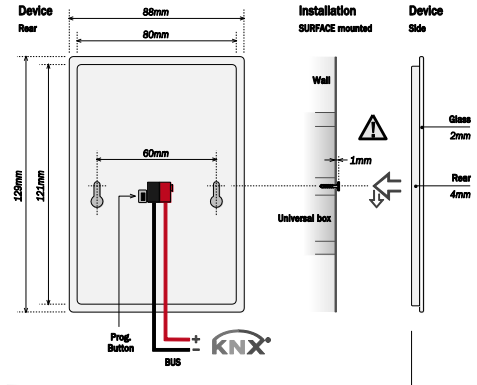
Supply	29V _{DC} from KNX BUS
Consumption	15 mA from KNX BUS*
Size	129 x 88 x 6 mm
Mounting	Universal mechanism box.
Connections	Connection terminal KNX bus.
Touch areas	8 capacitive touch areas
LED indicators	8 LED indicators
Environment temperature range	Operation: -10 °C a 55 °C Storage: -30 °C a 60 °C Transportation: -30 °C a 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

*Equivalent to 3 BUS devices (1 BUS device = 5 mA)

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 exceeds 2mm 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

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) to ensure there is enough insulation and avoid interferences.

Do not connect the main voltages (230V) or any other external voltages to any point of the KNX bus.

QR-Code

