

## General description

The DS42XX00 device 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

- 8 LED indicators.
- 8 independent touch areas.
- 1 internal thermostat.
- 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

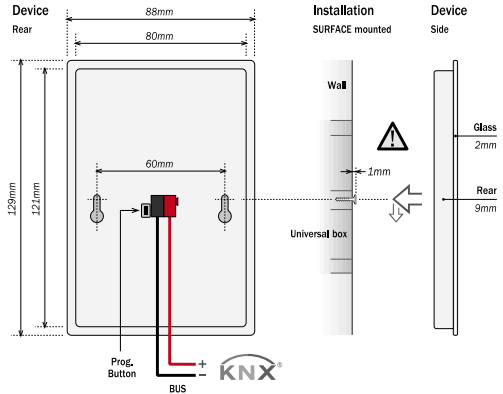
<b>Supply</b>	29V <sub>DC</sub> from KNX BUS
<b>Consumption</b>	30 mA from KNX BUS*
<b>Size</b>	129 x 88 x 11 mm
<b>Mounting</b>	Universal mechanism box.
<b>Conexiones</b>	Connection terminal KNX bus.
<b>Touch areas</b>	8 capacitive touch areas
<b>LED indicators</b>	8 LED indicators
<b>Environment temperature range</b>	Operation: -10 °C a 55 °C Storage: -30 °C a 60 °C Transportation: -30 °C a 60 °C
<b>Regulation</b>	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

\*Equivalente a 6 dispositivos de BUS (1 dispositivo de BUS = 5 mA)

## Installation



The device is installed hanging from the two parallel grooves on its rear.  
It is **VERY IMPORTANT** that the screws head exceeds 1mm from the wall.



## Remarks

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

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

## QR-Code

