

General description

SR5301000 is a surface constant light regulation sensor which is able to control lighting depending on two motion channels or independent of them. In combination with a dimmer it can maintain a constant brightness in a room.

Characteristics

It is possible to adjust the presence sensor sensitivity in an easy way, selecting between three different levels or personalizing by yourself. It includes parameters to define regulation steps, to establish deviations, or to calibrate it. It is also possible to change between auto and manual mode, defining the behavior when it changes between those two options.

It also includes an additional thermostat to measure temperature where it is installed.

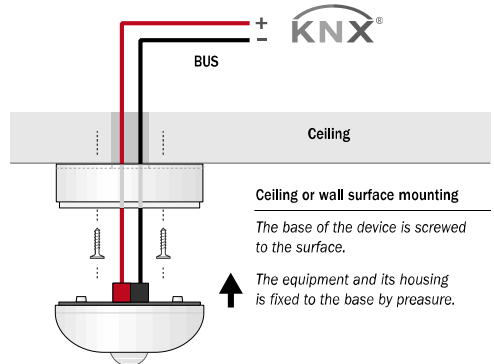
Surface mounting with a detection area of \varnothing 5m at 2.5m height.

Technical information

Power supply	29V _{DC} from KNX BUS
Current Consumption	5* mA from KNX BUS
Connections	BUS connection terminal KNX
Detection range	\varnothing 5m at 2.5m height
Mounting / Size	Screwed on ceiling or indoor wall \varnothing : 44mm Length: 30mm
Environment temperature range	Operation: -10°C to 55°C Storage: -30°C to 60°C Transportation: -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

*Equivalent to 1 KNX Bus device (1 KNX Bus device = 5 mA)

Installation



Observations

Install low voltage lines (KNX bus and inputs) in a ducting separated from the power (230V) and outputs lines ducting 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 or inputs.

QR Code

