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Communication

IRing – V1.2

BUSing
BUSing   CE

General description

Infrared transmitter with code learning capability. Enables device control with the IR receiver through centralized controls, touch-screens, PCs or internet.

Programmable from Development System (SIDE), is able to record in memory any IR signal, showing the pulse recorded and allowing its transmission to verify proper operation.

Supplied with 2 parts: A control board that includes the microprocessor, BUS connection, receiver recorder and a miniJack connector for connecting the terminal extension with two infrared LED emitters

Its installation may be hidden, except for the infrared emitter terminal, which must be visible and aiming to the receivers.

Capacity

Stores up to 255 IR codes.

Suitable for IR transmitters in the 40kHz band.

Extension with LED emitters and miniJack connector.

Hidden mounting.

Maximum transmission distance of 8m.

Technical information

Power supply – 9-16 Vdc from BUS
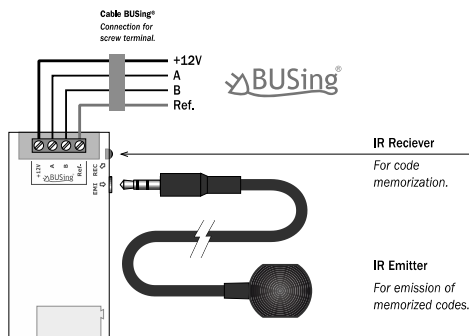
Current consumption – 70mA @ 12Vdc

Mounting – In-built in wall or ceiling.

Size – 77 x 37 x 17 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

Cable BUSing®
Connection for screw terminal.

+12V
A
B
Ref.

BUSing®

IR Reciever
For code memorization.

IR Emitter
For emission of memorized codes.

Remarks

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

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

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

More info