

General description

The 4E4S-30A is an on/off actuator composed of 4 potential-free relay outputs (dry contact) and 4 low voltage inputs (SELV) referred to the BUS earth. Besides, they include 2 logical gates programmable through SIDE (one AND gate and one OR gate).

As the outputs are potential free, they are recommended for three phase lighting control, blinds, control of air conditioning or watering electro valves, etc.

Capacity

Its 4 outputs allow to control 4 on / off electrical circuits or 2 blinds (2 outputs for each blind motor: raise phase and lower phase).

The 4E4S-30A version is recommended for capacitive loads, sockets, and electrical appliances. 230V connection not available, so it doesn't supply power to the BUS. It just consumes. Manual reset incorporate.

Technical information

Supply – 230 Vac

Max. Power consumption - 2,8 VA

Consumption (BUS)- 25 mA @ 12Vdc

Inputs - 4 low voltage inputs (SELV) referred to the BUS reference (minimum activation current 5mA).

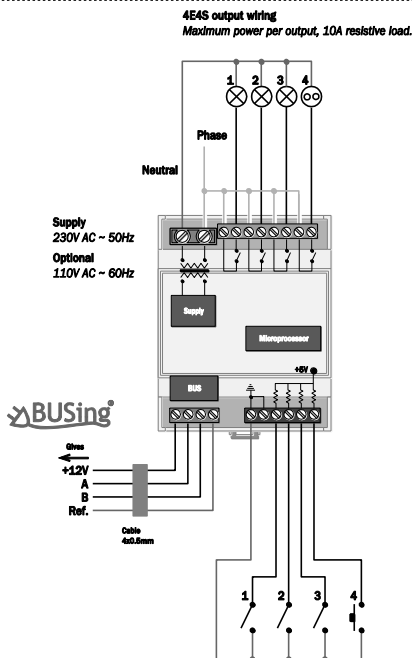
Outputs - 4 digital outputs according to version

Mounting –DIN rail (4 Modules)

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



Remarks

It is recommended to distribute power supplies and to take care with wire section to avoid voltage drops in the BUS line. Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

Use shielded 4 x 0,22 mm² or 2 x 0,5mm² + 2 x 0,22 mm² cable for the BUS.

QR-Code

