

General description

The 4E4S-F4A is an on/off actuator composed of 4 triac outputs 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).

It has been designed to control fluorescence or led lighting preceded by transformer, because of its triac outputs (not suitable for direct current).

Capacity

Its 4 outputs allow to control 4 on / off electrical circuits.

The switching capacity changes according to version:

- **4E4S-F4A** – 4 A@230Vac / triac outputs.

If necessary, insert a contactor to control higher power circuits.

Technical information

Supply – 230 Vac

Max. Power consumption - 2,8 VA

Given current - 150mA @ 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)

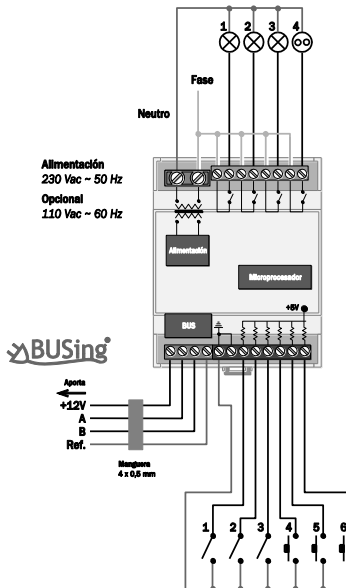
Environment temperature range - Operation: from -10°C to 55°C / Storage: from -30°C to 60°C / Transportation: from -30°C to 60°C.

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

Cableado de las salidas 4E4S-F4A

Potencia máxima por salida, 10 A carga resistiva.



Cableado de las entradas 4E4S-F4A

Todas las entradas son SELV.

Están referidas internamente a 5 V y se activan al conectarlas a masa.

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

⚠ DO NOT INSTALL AND/OR HANDLE IN VOLTAGE. RISK OF FAILURE AND/OR PHYSICAL DAMAGE.

QR-Code

