

General description

Continuous electrical supply devices for smart home installations.

They should be used to ensure that the installation is correctly supplied. The greater the number of existing devices, the greater the number of supplies required depending on their consumption and power of the supplies.

Has to be consider the voltage drop in the cable (losses) depending on the length between them and the device type thereof. The supply voltage on the bus must be between 10–16V DC for proper operation of any BUSing® device.

This device is a power supply that incorporates a microprocessor that detects when a supply power failure takes place and low battery. At that moment sends a telegram through the BUS so that the screens of the installation send a warning notification to the user. It also has an auxiliary output that can charge a battery.

A battery is needed with this device.

Characteristics

Power supply mount on DIN rail with auxiliary output for charging a battery. Size: DIN rail 4 modules.

Technical information

Supply – 230 Vac

Output voltage – 12 Vdc

Given current: BF2 ≈ 0.5A = 500mA

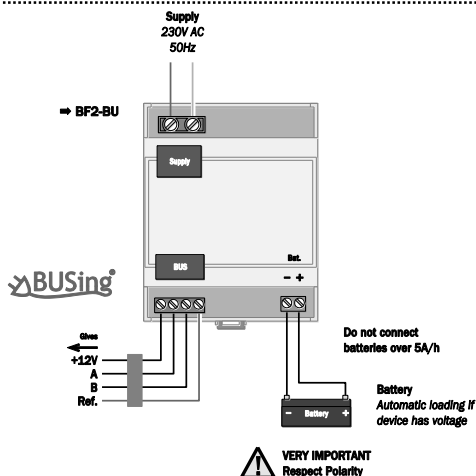
Power: BF2: 12 VA

Mounting – See installation section.

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 flexible shielded 2 x 0,5 mm² + 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

