

General description

Continuous electrical power supply for KNX installations which allows the possibility to connect an external battery to keep power in the KNX installation in case of power failure. All Ingenium KNX power supply models provide 29Vdc and have an auxiliary output available (also 29Vdc voltage).

Features

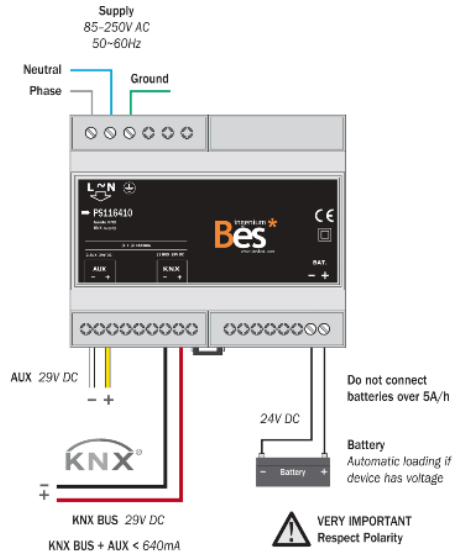
The device has KNX bus connection terminal (I1: black/red) and auxiliary connection terminal (I2: yellow/white). Main output and auxiliary output (I1+I2) cannot overcome the nominal current.

In addition, the device has a connection terminal for a battery.

Technical information

External supply	230 Vac
Output I1	KNX BUS output (black/red connection terminal) with choke. 29 Vdc +1/-2 V, SELV
Output I2	Auxiliary output (yellow/white connection terminal) without choke. 29 Vdc +1/-1 V, SELV
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-EN61010-1

Installation



Observations

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

