KNX Power Supply

PS11XX00 v1.2

General description

Continuous electrical power supplies for KNX installations. All Ingenium KNX power supply models provide 29Vdc and have an auxiliary output available (also 29V_{DC} voltage).

Features

Models:

- **PS110800**
  - *Nominal current*: 80mA (I1+I2 < 80mA)
  - *Size*: DIN rail (2 modules)
- **PS111600**
  - *Nominal current*: 160mA (I1+I2 < 160mA)
  - *Size*: DIN rail (2 modules)
- **PS113200**
  - *Nominal current*: 320mA (I1+I2 < 320mA)
  - *Size*: DIN rail (4 modules)
- **PS116400**
  - *Nominal current*: 640mA (I1+I2 < 640mA)
  - *Size*: DIN rail (4 modules)

All versions have 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.

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
Operation leds	Green: normal operation Red: overload
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-EN61010-

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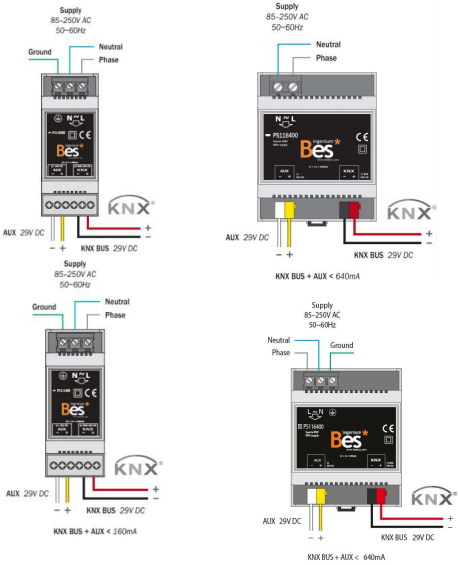
Installation



Observations

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

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