

PPS640-KNX

LightMaster Network Power Supply



General Description

The LightMaster PPS640-KNX is a regulated KNX bus power supply with an integrated BUS choke, designed to provide network DC supply to the KNX network. The switchmode design allows the device to be used with a wide range of supply voltages without the need for a manual selector setting. The PPS640-KNX is housed in a 6 unit DIN rail mount enclosure that has a circuit breaker profile. This enables the device to be installed in all types of electrical equipment enclosures, including those with cover apertures specifically designed for circuit breakers.

Technical Data

Supply

100-240V 50/60Hz at 0.5A

Compliance

CE, KNX

Output

640mA @ 28-31V DC for direct
KNX BUS supply
and 30VDC for AUX supply

Environment

-5° to 45°C operating ambient
temperature
-25° to 55°C storage temperature
0% to 90% RH non condensing

Protection

Overload protection
Short circuit proof

Enclosure

Plastic DIN Rail enclosure
(6 units wide)

Supply Terminals

Line, Neutral, Earth Screw Terminal
1 x 1.5mm² max conductor size

Protection Class

IP20

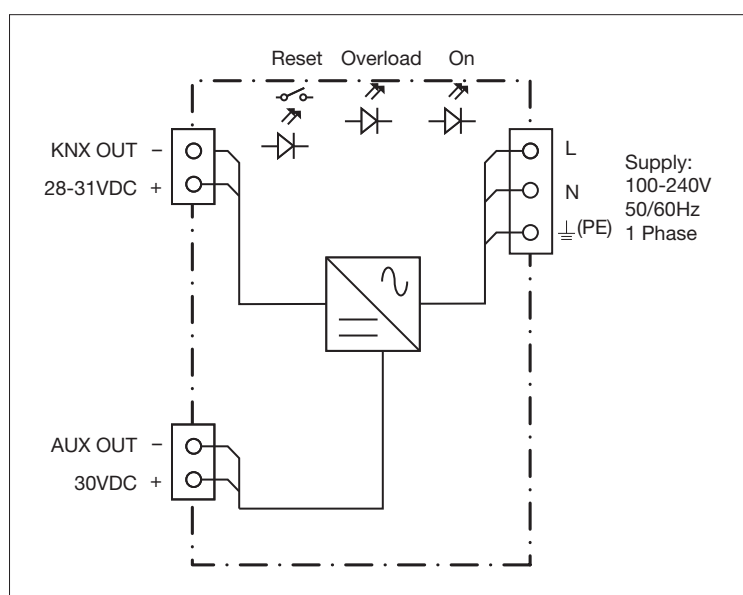
Output Terminals

Wago 243 (Red / Grey) for KNX bus
Wago 243 (Yellow / White) for auxilliary
supply
0.6 – 0.8mm wire diameter single core
KNX cable

Dimensions

H 91mm x W 107mm x D 62mm

Electrical Diagram



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PPS640-KNX Data Sheet Rev E May 2012

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