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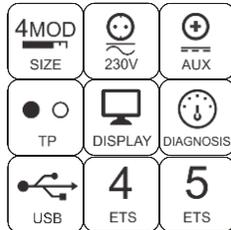
Data sheet

KNX PowerSupply USB 367

(Art. # 5219)

*640 mA Power supply with integrated USB interface,
KNX node, and diagnosis functions*

4MOD SIZE	230V	⊕ AUX
TP	DISPLAY	DIAGNOSIS
USB	4 ETS	5 ETS

Application area

The KNX PowerSupply USB 367 is a 640 mA power supply with an integrated USB interface and a small footprint of only 4 TE (72 mm). The device has a bus choke and additionally provides an output for auxiliary power.

The USB interface allows establishing a bidirectional connection between a PC and the KNX bus. The USB connector has a galvanic separation from the KNX bus. Both ETS (Version 4.2 or later) and visualization tools support this interface. The KNX node monitors output current, bus voltage and the temperature in the enclosure. The configuration of the device is done with ETS. An easy to read OLED display on the front panel enables the user to display the operating parameters locally on the device.

Technical Specification

Electrical safety
- Protection (acc. EN 60529): IP 20

CE marking according to
- Low voltage directive 2014 / 35 / EU
- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 50491-3: 2009, EN 50491-5-1: 2010
  EN 50491-5-2: 2010, EN 50491-5-3: 2010
- EN 61000-6-2: 2005
  EN 61000-6-3: 2007 + A1: 2011
- EN 50581: 2012

Environmental requirements
- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condensing): 5 % … 93 %

Mechanical data
- Housing: plastic (PC)
- DIN rail mounted device, width: 4 units (72 mm)
- Weight: approx. 260 g

Controls and indicators
- OLED display with 4 buttons
- KNX programming LED (RD)

KNX
- Medium TP
- Interface protocol: HID/cEMI
- Max. APDU length: 55
- Device model: System B

Power Supply
- Input supply 230 V∼, 50 Hz
- Power loss (no load): ca. 1.2 W
- Power consumption (max., overload): 48 W
- Efficiency at rated load: ca. 85 %
  (including bus choke)

Output
- KNX rated voltage 30 V⎓, SELV
- Auxiliary rated voltage 30 V⎓, SELV
- Rated current 640 mA (both outputs in total)

Connectors
- Pluggable screw connector for 230 V∼
- Cross-section of connectors: 1.5 ... 2.5 mm²
- Bus connector for KNX output (RD / BK)
- Connector for auxiliary power output (YE / WH)
- Connector for USB 2.0 Micro-B

Installation Instructions

- The device may be used for permanent interior installations in dry locations, within distribution boards or small casings with DIN rail.

⚠ WARNING

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- The device is a permanently connected equipment: A readily accessible disconnect device shall be incorporated external to the equipment.
- The installation requires a 16 A fuse for external overcurrent protection.
- The power rating is indicated on the side of the product.