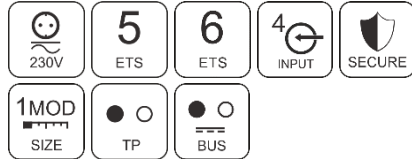




Data sheet

KNX IO 410.1 *secure*

KNX binary input 4-fold 12..230 V



(Art. # 5513)

Application area

The KNX IO 410.1 *secure* is a compact binary input with 4 inputs.

The application offers extensive functions for switching, dimming, shutter, valuator, scene and color control as well as an operation time and impulse counter.

The inputs can be connected to conventional switches with an external voltage of 12 to 230 V.

Two push buttons and three LEDs allow a local operation and a visualization of the device state.

In addition, the device contains 16 independent logic or time functions. The device supports KNX Data Security.

Technical Specification

Electrical safety

- Protection (acc. EN 60529): IP20

CE marking according to

- Low voltage directive 2014 / 35 / EU
- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018
- EN 63044-5-1: 2019
- EN 63044-5-2: 2019
- EN 63044-5-3: 2019
- EN 61000-6-2: 2019
- EN 61000-6-3: 2021
- EN 63000: 2018

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: 1 units (18 mm)
- Weight: approx. 50 g

Controls and indicators

- 2 buttons and 3 LEDs, multicolor
- KNX programming button with LED (red)

Power supply

- KNX Bus approx. 3 mA

Connectors

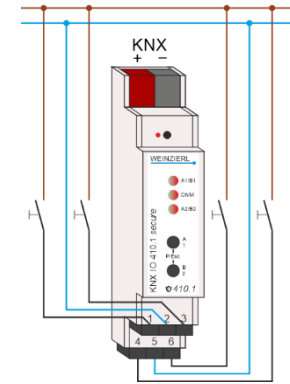
- Connector for KNX Bus (red / black)
- Pluggable screw connector (3 poles) for binary input channel 1 and 2
- Pluggable screw connector (3 poles) for binary input channel 3 and 4
- Cross-section of connectors: 0.34..2.5 mm²

Inputs

- Voltage: 12..230 V \sim
- Current: < 1 mA
- Galvanically isolated
- Signal (DC) shall not exceed 100 ticks per second
- Signal (AC) shall not exceed 10 ticks per second

Installation Instructions

- The device may be used for permanent interior installations in dry locations or within distribution boards 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.

Product database for ETS 5/6

www.weinzierl.de/en/products/410.1/ets6

Manual

www.weinzierl.de/en/products/410.1/manual

CE Declaration

www.weinzierl.de/en/products/410.1/ce-declaration



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