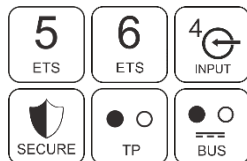


Data sheet

KNX IO 430 *secure*

KNX push button interface 4-fold



(Art. # 5580)

Application area

The KNX IO 430 *secure* is a push button interface for the KNX bus.

It is suitable as a binary input for connecting up to four conventional push buttons or potential-free contacts.

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

A pluggable connection cable is included in the scope of delivery. The LED allows a quick test of the configuration.

Each channel can be configured individually. The flexible operating concept also allows different functions on one channel depending on the settings.

In addition to the output and input channels the device includes 16 independent functions for logic, timer, comparison or calculation.

The device supports KNX Data Security.

Technical specification

Electrical safety



- Protection (acc. EN 60529): IP20

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018
- EN 63044-5-1: 2019 + A1: 2024
- EN 63044-5-2: 2019 + A1: 2024
- EN 63044-5-3: 2019 + A1: 2024
- 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: Transparent plastic (ABS)
- Matches in a standard flush-mounted box
- Dimensions: 39 x 39 x 11 mm
- Weight: approx. 15 g

Controls and indicators

- LED to display state (green)
- KNX programming button with LED (red)

Power supply

- KNX Bus approx. 3 mA

Connectors

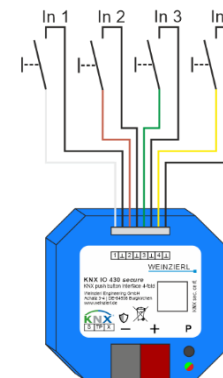
- Connector for KNX Bus (red / black)
- Connector for 4 ext. switches

Inputs

- Contact voltage: SELV
- Max. wire length 20 cm
- Signal shall not exceed 100 ticks per second
- Suitable for dry contacts
- Not galvanically isolated

Installation instructions

- The device may be used for permanent interior installations in dry locations.

**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.

Product database for ETS 5/6
www.weinzierl.de/en/products/430/ets6
 Manual
www.weinzierl.de/en/products/430/manual
 CE Declaration
www.weinzierl.de/en/products/430/ce-declaration

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