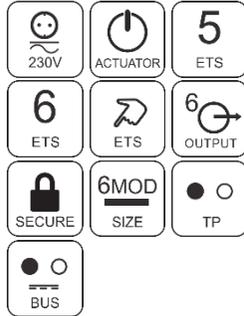


Data sheet

**KNX IO 522 *secure***

Shutter Actuator 6-fold



(Art. # 5496)

**Application area**

The KNX shutter actuator KNX IO 522 *secure* offers 6 channels for controlling blinds, shutters or other drives with mains voltage. The outputs per channel are electro-mechanically interlocked to prevent motor damage. The device also offers extensive functions for optimised control of blinds, shutters or window openers. Positions can be approached with time calculation.

Further features:

- Central feed-in with mains monitoring
- Manual operation with multiple selection, even without KNX bus
- Direct control with the ETS

4 push-buttons and 14 LEDs enable local operation and visualisation of the device status.

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: 6 units (108 mm)
- Weight: approx. 350 g

Controls and indicators

- 4 buttons and 14 LEDs (multicolor)
- KNX programming button with LED (red)

Power supply

- KNX Bus approx. 5 mA
- Input supply 230 V~, 50 Hz, approx. 300 mW with no load

Connectors

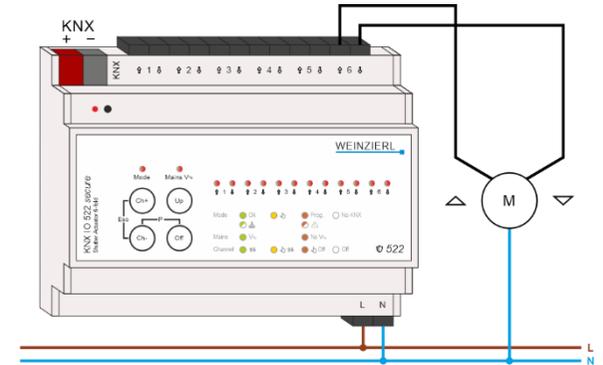
- Connector for KNX Bus (red / black)
- Pluggable screw connector (12 poles) for outputs
- Pluggable screw connector (2 poles) for 230 V~
- Cross-section of connectors: 1.5 ... 2.5 mm<sup>2</sup>

Outputs

- Relay type: 250 V~ / 16 A
- Inductive load (cosΦ = 0.4): 230 V~ / 8 A

**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/522/ets6](http://www.weinzierl.de/en/products/522/ets6)

Manual

[www.weinzierl.de/en/products/522/manual](http://www.weinzierl.de/en/products/522/manual)

CE Declaration

[www.weinzierl.de/en/products/522/ce-declaration](http://www.weinzierl.de/en/products/522/ce-declaration)

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