**KNX switching actuator 16-gang, 16 A / blind actuator 8-gang, 16 A Standard**



| Specification | Order No. | Packing unit | PS | EAN |
|---|---|---|---|---|
|  DRA plus | 5028 00 | 1 | 66 | 4010337061076 |

Depending on the parameterisation, the actuator can be used as a switching actuator or a blind actuator. Mixed configurations of switching and blind actuators are also possible. For the blind actuator function, two neighbouring relay outputs are combined to form one blind output.

**Features**

- Blind or switching operation can be parametrised. In blind operation, the adjacent outputs (A1/A2, A3/A4...) are combined into one blind output. Mixed operation at one actuator (e.g. A1 & A2 blind, A3 & A4 blind, A5 switching, A6 switching ...) is possible.
- Actively transmitting feedback or status messages can be delayed globally after a bus voltage recovery or ETS programming operation.
- Manual operation of the outputs independent of KNX with intelligent LED status displays for saving energy.
- Bistable relay.
- Supply from KNX bus, no additional power supply required.
- Simplified terminal connection (no terminal overlapping).

Blind functions

- Operating mode can be parametrised: Control of slat blinds, roller shutters, awnings, skylights or ventilation flaps.
- Separately parameterisable movement times with movement time extension for movements into the upper end position.
- For slat blinds, a slat movement time can be parametrised independently.
- Switchover time for change of direction and times for short and long-term operation (Step, Move) can be set.
- Feedback on the curtain or slat position. In addition, feedback on an invalid curtain position or a drive movement is possible.
- Assignments of up to 5 different safety functions (3 wind alarms, 1 rain alarm, 1 frost alarm), or with cyclical monitoring. The safety functions (objects, cycle times, priority) are created in a device-based manner for all outputs. An assignment of individual outputs to the safety functions and the safety reactions can be parametrised based on the channel.
- Blocking function can be implemented for each blind output.
- Simple sun protection: Sun protection function with fixed and variable curtain or slat positions at the beginning or end of the function can be activated separately for each output.
- Up to 16 internal scenes can be parametrised per output.
- Scene memory function: Additional visual feedback.

Switching functions

- Independent switching of the switching outputs.

Illustrations are similar and may deviate from originals.

- NO contact or NC contact operation.
- Feedback on switching: Active or passive feedback function.
- Logical individual linking function for each output.
- Blocking function can be parametrised for each channel.
- Time functions (switch-on and switch-off delay, staircase light function – also with advance warning function).
- Can be integrated in the light scenes: Up to 16 internal scenes can be parametrised per output.
- Scene memory function: Additional visual feedback.

**Technical data**

| | |
|---|---|
| KNX medium: | TP256 |
| Rated voltage | |
| - KNX: | DC 21 to 32 V SELV |
| Switching capacity: | AC 250 V, 16 A / AC1 |
| Maximum switch-on current: | 800 A (200 µs), 165 A (20 ms) |
| Current carrying capacity of adjacent outputs: | Total 20 A |
| Connected load | |
| - Ohmic load: | 3000 W |
| - Capacitive load: | 16 A, max. 140 µF |
| - Motors (blind or fan): | 1380 W |
| - Light bulbs: | 2300 W |
| - HV halogen lamps: | 2500 W |
| - HV LED lamps: | typically 400 W |
| - Wound transformer: | 1200 VA |
| - Tronic transformer: | 1500 W |
| - Fluorescent lamps, uncompensated: | 1000 VA |
| - Fluorescent lamps, duo-circuit: | 2300 VA |
| - Fluorescent lamps, parallel-compensated: | 1160 VA |
| - Mercury-vapour lamps, uncompensated: | 1000 W |
| - Mercury-vapour lamps, parallel-compensated: | 1160 W |
| Connections | |
| - KNX: | Connection and junction terminal |
| - Load: | Screw terminals (max. 4 mm² or 2 x 2.5 mm²) |
| Current consumption | |
| - KNX: | 4 to 18 mA |
| Dimensions | |
| - Modular widths (MW): | 8 |

**Notes**

- KNX Data Secure compatible.
- Fast application download (long frame support).
- Firmware can be updated using the Gira ETS Service App (additional software).
- Installation on DIN top-hat rail.

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**GIRA** Data sheet

**Scope of supply**

- KNX connection and junction terminal included in the scope of supply.

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