

| $3:$ | DRA | 502300 | 1 | 66 | 4010337061106 |
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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, $\mathrm{A} 3 / \mathrm{A} 4 \ldots$...) 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 independently of KNX with intelligent LED status displays for saving energy.
- Advanced manual actuation: Toggle between blind mode and switching mode before starting up the ETS.
- Heartbeat function for monitoring the device, cyclical transmission 1 bit.
- 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.
- Twilight function.
- Status messages for upper and lower end positions.


## Switching functions

- Independent switching of the switching outputs.
- NO contact or NC contact operation.
- Switching feedback: transmitting to the bus cyclically or when there is a change.
- Logical individual linking function for each output.
- Reaction upon bus voltage recovery can be set for each output (ON or no reaction)
- Blocking function with feedback object can be parametrised for each channel.
- Time functions (switch-on and switch-off delay, staircase light function - also with advance warning function).
- Integration into light scenes possible: Up to 16 internal scenes can be parametrised per output.

| Technical data |  |
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| KNX medium: | TP256 |
| Rated voltage |  |
| - KNX: | DC 21 to 32 V SELV |
| Switching capacity: | AC $250 \mathrm{~V}, 16 \mathrm{~A} / \mathrm{AC} 1$ |
| Maximum switch-on current: | $800 \mathrm{~A}(200 \mu \mathrm{~s}), 165 \mathrm{~A}(20 \mathrm{~ms})$ |
| Current carrying capacity of adjacent outputs: | Total 20 A |
| Connected load |  |
| - Ohmic load: | 3000 W |
| - Capacitive load: | 16 A, max. $140 \mu \mathrm{~F}$ |
| - Motors (blind or fan): | 1380 W |
| - Light bulbs: | 2300 W |
| - HV halogen lamps: | 2500 W |
| - HV LED lamps: | typically 400 W |
| - Wound electronic transformer: | 1200 VA |
| - Tronic transformer: | 1500 W |
| - Fluorescent lamps, uncompensated: | 1000 VA |
| - Fluorescent lamps,lead-lag circuit: | 2300 VA |
| - Fluorescent lamps, parallel-compensated: | 1160 VA |
| - Mercury-vapour lamps, uncompensated: | 1000 W |
| - Mercury-vapour lamps, parallelcompensated: | 1160 W |
| Connections |  |
| - KNX: | Connection and junction terminal |
| - Load: | Screw terminals (max. $4 \mathrm{~mm}^{2}$ or $2 \times 2.5 \mathrm{~mm}^{2}$ ) |
| Current consumption |  |
| - KNX: | 4 to 18 mA |

## 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.


## Scope of supply

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


## Dimensions

Modular width (MW):

