

## Features

- The control unit switches and dims electrical devices that feature a $1-10 \mathrm{~V}$ interface.
- Five device configurations can be selected. This leads to the assignment of four individually-controllable dimming channels to the switching outputs (e.g. four dimming channels are assigned to one switching relay to control a RGBW light).
- Relay outputs that are not associated with a dimming channel can be used as freely-acting switching actuator channel.
- Reactions in case of bus voltage failure and restoration can be set following an ETS programming process.
- Manual actuation of the outputs independently of the bus with mechanical switching position indicator.
- Delay for actively transmitted feedback messages following bus voltage recovery.
- Logical linking function configurable per channel.
- Up to three central switching functions for the joint control of all dimming and switching channels.
- Switch-on times of the relay outputs can be recorded and evaluated by the elapsed-hours meter.
- Group feedback of all switching conditions possible.

Dimming channels

- Four individually-controllable dimming channels.
- Feedback on switching condition and brightness value.
- Dimmable brightness range can be set.
- Dimming behaviour and dimming characteristics can be parameterised.
- Soft switch-on and soft switch-off function
- Block function or forced setting function can be parameterised.
- Time functions (switch-on delay, switch-off delay, staircase light function). With the staircase light function, the reaction at the end of the switch-on time can be configured.
- Inclusion of a dimming channel in up to ten scenes is possible.
- The burning-in function allows for the commissioning of new fluorescent lamps prescribed by lighting manufacturers.

Switching actuator operation (optional)

- Independent switching of switch outputs A2 to A4.
- NO contact or NC contact operation.
- Feedback from the switching condition.
- Block function or forced setting function can be parameterised.
- Time functions (switch-on, switch-off delay, staircase light function - also with advance warning function).
- Can be integrated in the light scenes. Up to ten internal scenes per switching output are programmable.
- Cyclical monitoring of incoming switching telegram is configurable.

| Technical data |  |
| :---: | :---: |
| KNX medium: | TP256 |
| Relay |  |
| - Quantity: | 4 |
| - Contact: | $1 \times$ zero-voltage NO contact each, flip-flop |
| Control outputs |  |
| - Control voltage: | 1 to 10 V |
| - Control current per output: | max. 100 mA |
| - Cable length: | max. 500 m with $0.5 \mathrm{~mm}^{2}$ |
| Switch outputs |  |
| - Switching voltage: | AC 250/400 V |
| - Switching current 230 V AC1: | 16 A |
| - Switching current 230 V AC3: | 10 A |
| - Switching current 400 V AC1: | 10 A |
| - Switching current 400 V AC3: | 6 A |
| - Fluorescent lamps: | 16 AX |
| Lamp loads |  |
| - Light bulbs: | 3680 W |
| - HV halogen lamps: | 3680 W |
| - Wound electronic transformer: | 2000 VA |
| - Tronic transformer: | 2500 W |
| Fluorescent lamps T5/T8 |  |
| - Uncompensated: | 3680 W |
| - parallel compensated: | $2500 \mathrm{~W} / 200 \mu \mathrm{~F}$ |
| - Duo-circuit: | $3680 \mathrm{~W} / 200 \mu \mathrm{~F}$ |
| Compact fluorescent lamps |  |
| - Uncompensated: | 3680 W |
| - parallel compensated: | $2500 \mathrm{~W} / 200 \mu \mathrm{~F}$ |
| Mercury-vapour lamps |  |
| - Uncompensated: | 3680 W |
| - parallel compensated: | 3680 W/200 $\mu \mathrm{F}$ |
| Ambient temperature: | $-5^{\circ} \mathrm{C}$ to $+45^{\circ} \mathrm{C}$ |
| Connections |  |
| - KNX: | Connection and junction terminal |
| - 1 - 10 V : | Screw terminals |
| - Load: | Screw terminals |
| Connection cross section: | Max. 4 mm ${ }^{\text {2 }}$ |

## Notes

- Electronic ballasts generate very high current spikes. For this reason, use a switch-on current limiter or a separate load contact for with greater loads.


## Scope of supply

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


## Dimensions

Modular width (MW):

