


System 3000 universal LED rotary dimming insert Komfort



| Specification | Order No. | Packing unit | PS | EAN |
|---|-----------|--------------|----|---------------|
|  | 2455 00 | 1/5 | 02 | 4010337031413 |

Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lamps, dimmable inductive transformers for halogen or LED lamps, HV LED or compact fluorescent lamps.
- Connecting auxiliary units is possible.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Bulb-saving switch-on.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Hotel card function can be activated: Light switches "On" after interruption to power supply (from In 01).
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Technical data

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| Rated voltage: | AC 230 V, 50/60 Hz |
| Standby: | max. 0.35 W |
| Connected load at 25 °C | |
| - HV LED lamps (leading edge): | typ. 3 to 100 W |
| - HV LED lamps (trailing edge): | typically 3 to 400 W |
| - Compact fluorescent lamp: | typ. 3 to 100 W |
| - Light bulbs: | 20 to 420 W |
| - HV halogen lamps: | 20 to 420 W |
| - Gira tronic transformers: | 20 to 420 W |
| - Electronic transformer with LV LED (leading edge): | typically 20 to 100 W |
| - Electronic transformer with LV LED (trailing edge): | typically 20 to 200 W |
| - Wound transformer: | 20 to 420 VA |
| - Wound transformer with NV-LED: | typically 20 to 100 VA |
| Auxiliary inputs | |
| - Non-illuminated mechanical buttons: | unlimited |

Illustrations are similar and may deviate from originals.

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|------------------------------|-------------------------------------|
| - Auxiliary insert, 2-wire: | unlimited |
| - Auxiliary insert, 3-wire: | max. 10 |
| Cable length | |
| - Auxiliary unit: | max. 100 m |
| - Load: | max. 100 m |
| Installation: | in device box pursuant to DIN 49073 |
| Installation depth: | 24 mm |
| Connections | |
| - Single-wire: | max. 4 mm ² |
| - Fine-wire without ferrule: | max. 4 mm ² |
| - Fine-wire with ferrule: | max. 4 mm ² |
| Ambient temperature: | -5 °C to +45 °C |

Notes

- In general, operating the dimmer without connecting a neutral conductor is possible, although some LED and CFLi light sources require the neutral conductor connection to prevent flickering.
 - For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Gira Tronic transformers, and wound transformers increases to 50 W.
 - Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure stated by the manufacturer.
 - If the ambient temperature is higher than 25 °C, the connected load must be reduced.
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