

## System 3000 universal LED dimming insert Standard

| Specification | Order No. | Packing unit | PS | EAN           |
|---------------|-----------|--------------|----|---------------|
|               | 5400 00   | 1/5          | 02 | 4010337047995 |

### Features

- Switching and dimming light bulbs, HV halogen lamps, electronic transformers for halogen or LED lights, dimmable inductive transformers for halogen or LED lights, HV LED or compact fluorescent lamps.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.
- Switch-on function that preserves the life of the lamp.
- Switch-on brightness can be saved permanently.
- Switch on with the last brightness set, or a saved switch-on brightness.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with or without a neutral conductor connection.
- Pushbutton dimmer.

Combination with RF operating top unit, 1-gang / 2-gang for KNX

- Dimming actuator, 1-gang.
- Sensor channel, 1-gang or 2-gang.
- Local control of System 3000 insert possible.
- Wireless control of other devices for KNX possible as a sensor.
- Insert function selection: Adjustable dimming behaviour and dimming characteristic, soft on and soft off function, fading function, staircase function with switch-off pre-warning, scene function (16 scenes), blocking function, time delays.

### Technical data

Rated voltage: AC 230 V, 50/60 Hz

Standby: 0.1 to 0.5 W

Connected load at 25 °C

- HV LED lamps (leading edge): typically 3 to 60 W
- HV LED lamps (trailing edge): typically 3 to 120 W
- Compact fluorescent lamp: typically 3 to 60 W
- Light bulbs: 20 to 210 W
- HV halogen lamps: 20 to 210 W
- Tronic transformers: 20 to 210 W

|   |  |
|---|--|
| - Electronic transformer with LV LED (leading edge):  | typically 20 to 60 W                       |
| - Electronic transformer with LV LED (trailing edge): | typically 20 to 120 W                      |
| - Wound electronic transformer:                       | 20 to 210 VA                               |
| - Wound transformer with NV-LED:                      | typically 20 to 60 VA                      |
| Cable length  |  |
| - Load:   | Max. 100 m                                 |
| Installation depth:                                   | 24 mm                                      |
| Installation:   | in device box in accordance with DIN 49073 |
| Ambient temperature:                                  | -5 °C to +45 °C                            |

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## Notes

- In principle, it is possible to operate the dimmer without connecting the neutral conductor, but some LED and CFLi light sources make the neutral conductor connection necessary to avoid flickering.
  - Operation without a neutral conductor increases the minimum load for light bulbs, HV halogen lamps, Tronic transformers and wound transformers to 50 W.
  - Electronic transformers and ballast devices for LED lamps can be operated with the dimming procedure specified by the manufacturer.
  - If the ambient temperature is higher than 25 °C, the connected load must be reduced.
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