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System 3000 universal LED dimming insert Standard



Specification	Order No.	Packing unit	PS	EAN
	5400 00	1/5		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 Multi 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.
- Maximum brightness can be set (from index I05).

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

Illustrations are similar and may deviate from originals.

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- 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

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.
