


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 lamps, dimmable inductive transformers for halogen or LED lamps, 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.
- Bulb-saving switch-on.
- 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 and without neutral conductor connection.
- Pushbutton dimmer.

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

- Dimming actuator, 1-gang.
- Sensor channel, 1-gang or 2-gang.
- Local control of System 3000 insert possible.
- Wireless control of other KNX devices as sensor possible.
- Insert function selection:
Dimming principle adjustable, staircase function, scene function, 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):	typ. 3 to 60 W
- HV LED lamps (trailing edge):	typically 3 to 120 W
- Compact fluorescent lamp:	typ. 3 to 60 W
- Light bulbs:	20 to 210 W
- HV halogen lamps:	20 to 210 W
- Gira 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 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 pursuant to DIN 49073
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, 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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