


System 3000 electronic switching insert



Specification	Order No.	Packing unit	PS	EAN
	5405 00	1	02	4010337048299

Features

- Connecting auxiliary units is possible.
- Control of thermal servos in combination with a room temperature controller top unit.
- Bulb-saving switch-on.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.

Operation with a neutral conductor

- Switching of light bulbs, HV halogen lamps, electronic or inductive transformers with halogen or LED lamps, switchable or dimmable HV LED lamps or compact fluorescent lamps.
- Device is powered via the phase conductor and neutral conductor, therefore no leading edge or trailing edge phase control.

Operation without a neutral conductor

- Switching of light bulbs, HV halogen lamps, electronic or inductive transformers with halogen or LED lamps, dimmable HV LED lamps or compact fluorescent lamps.
- Device is powered via the the phase conductor and therefore works according to the leading edge or trailing edge principle.
- Automatic or manual setting of dimming principle according to load (leading or trailing edge).
- Display of the selected operating mode using LED.

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 100 W
- HV LED lamps (trailing edge): typically 3 to 200 W
- Compact fluorescent lamp: typ. 3 to 100 W
- Light bulbs: 20 to 400 W
- HV halogen lamps: 20 to 400 W
- Gira tronic transformers: 20 to 400 W
- electronic transformer with NV-LED: typically 20 to 100 W

- Wound transformer:	20 to 400 VA
- Wound transformer with NV-LED:	typically 20 to 100 VA
Thermal servos:	max. 10
Cable length	
- Load:	max. 100 m
- Auxiliary unit:	max. 100 m
Installation depth:	24 mm
Installation:	in device box pursuant to DIN 49073
Ambient temperature:	-5 °C to +45 °C

Notes

- For operation without a neutral conductor, the minimum load for light bulbs, HV halogen lamps, Tronic transformers, and wound transformers increases to 50 W.
 - If the ambient temperature is higher than 25 °C, the connected load must be reduced.
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