


## System 3000 universal LED dimming insert Komfort



Specification	Order No.	Packing unit	PS	EAN
	5401 00	1/5	02	4010337048268

### 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.
- Minimum brightness can be set.
- Electronic short-circuit protection.
- Electronic excess-temperature protection.
- Operation with and without neutral conductor connection.
- Pushbutton dimmer.

### 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 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.

- Auxiliary insert, 2-wire:	unlimited
- Auxiliary insert, 3-wire:	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

- 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.
-