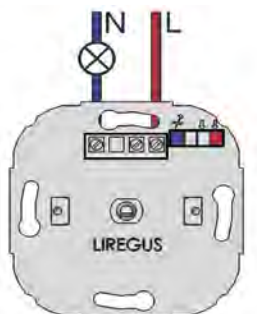


Product data sheet

Universal rotary dimmer LED



Reference number

ISR-006-01 /S-PRO-100-LT-LED

Rotary dimmer universal LED

incremental control without end position
with satellite input

Intended use

- Switching and dimming of lighting
- Operation with suitable cover
- Installation in flush box according to DIN 49073

Product characteristics

- Device works according to the leading edge phase control or trailing edge phase control principle
- Automatic or manual setting of the dimming principle suitable for the load
- Device can be operated without neutral conductor
- Switch-on via bulb-preserving soft start
- Switch-on with last brightness or saved switch-on brightness
- Switch-on brightness can be saved permanently
- Minimum brightness can be saved permanently
- Connection of satellite units possible
- Electronic over-temperature protection
- Power extension possible by means of power boosters

Centre plates colour, EAN code:

ISR-006-01.E/B - White, 4770025965122, 10pc. package 4770025965139
ISR-006-01.E/S - Sandy, 4770025965146, 10pc. package 4770025965153
ISR-006-01.E/R - Brown, 4770025965160, 10pc. package 4770025965177
ISR-006-01.E/Mt - Metallic, 4770025965184, 10pc. package 4770025965191
ISR-006-01.E/J - Black, 4770025965207, 10pc. package 4770025965214
ISR-006-01.E/Ch - Champagne, 4770025965221, 10pc. package 4770025965238

Technical specifications:

Rated voltage, frequency	AC 230 V / 50/60 Hz
Working mode	trailing/ leading edge dimming
Based on transistor IGBT STGF7NB60SL controlled by microcontroller ARM STM32	
Power loss, stand-by power	~4 W, approx. 0.35 W
Ambient temperature	-5 ... +45 °C

Connected load at 25 °C:

Incandescent lamps	20 ... 420 W
HV halogen lamps	20 ... 420 W
Electronic transformers	20 ... 420 W
Electronic transformers with LV LED	typical 7.5 ... 100 W
Inductive transformers	20 ... 420 VA
Inductive transformers with LV LED	typical 20 ... 100 VA
Dimmable HV LED lamps	typical 3 ... 100 W
Dimmable compact fluorescent lamps	typical 3 ... 100 W