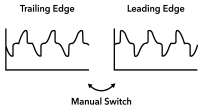
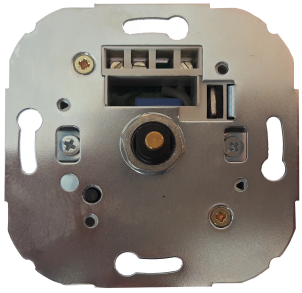
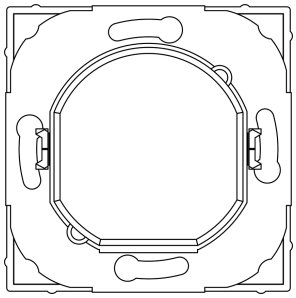
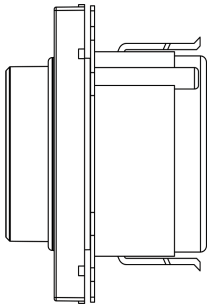
# Product data sheet

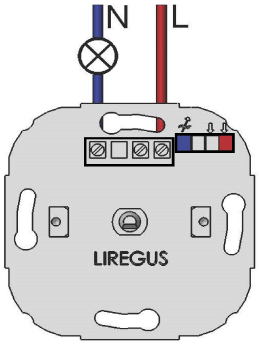
## Universal rotary dimmer LED












Reference number

**ISR-008-01.M** /S-PRO-200-LT-LED

Rotary dimmer especially for HV LED lamps

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-008-01.M/WM - White matt, 4770025004050, 10pc. package 4770025004067;
ISR-008-01.M/SM - Sandy matt, 4770025005392, 10pc. package 4770025005408;
ISR-008-01.M/CH - Champagne, 4770025004692, 10pc. package 4770025004708;
ISR-008-01.M/BM - Black matt, 4770025006016, 10pc. package 4770025006023.

Technical specifications:

| | |
|---|---|
| Rated voltage, frequency | AC 230 V +- 10%, 50Hz |
| Working mode | trailing/ leading edge dimming |
| 2 tranzistors IGBT STF24NM60N, controlled by microcontroler 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 | 5 ... 400 W |
| HV halogen lamps | 5 ... 400 W |
| Electronic transformers | 5 ... 400 W |
| Dimmable HV LED lamps | typical 5 ... 200 W |
| Dimmable compact fluorescent lamps | typical 5 ... 120 W |
| Custom tariff number | 853650800 |

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