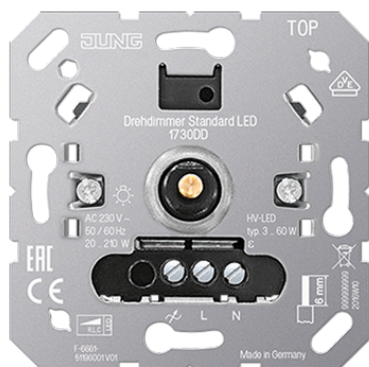


Product data sheet

Standard rotary dimmer LED



Reference number

1730 DD

Standard rotary dimmer LED

incremental control without end position
without satellite input

Intended use

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

Product characteristics

- Device works according to the leading edge phase control or trailing edge phase control principle
- Automatic 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
- Electronic short-circuit protection with permanent switch-off after 7 seconds at the latest
- Electronic over-temperature protection
- Power extension possible by means of power boosters (ref.-no. ULZ 1755 REG)
- Optional accessory: compensation module LED, ref.-no.: KM LED 230 U

Centre plates:

AS / A ranges: ref.-no. A 1740 ..

CD range: ref.-no. CD 1740 ..

LS range: ref.-no. LS 1740 .., .. 1740 ..

Tutorial operating instructions

<https://youtu.be/u0rgEq3znIU?feature=shared> (language: English)

Technical data

| | |
|--------------------------------------|----------------------|
| Rated voltage: | AC 230 V ~ |
| Mains frequency: | 50/60 Hz |
| Stand-by power: | approx. 0.35 W |
| Power loss: | approx. 2 W |
| Ambient temperature: | -5 ... +45 °C |
| Connected load at 25 °C | |
| Incandescent lamps: | 20 ... 210 W |
| HV halogen lamps: | 20 ... 210 W |
| Electronic transformers: | 20 ... 210 W |
| Electronic transformers with LV LED: | typical 20 ... 60 W |
| Inductive transformers: | 20 ... 210 VA |
| Inductive transformers with LV LED: | typical 20 ... 60 VA |
| Dimmable HV LED lamps: | typical 3 ... 60 W |
| Dimmable compact fluorescent lamps: | typical 3 ... 60 W |

| | |
|---|---|
| Ohmic-capacitive: | 20 ... 210 W |
| Capacitive-inductive: | not permitted |
| Ohmic-inductive: | 20 ... 210 VA |
| Ohmic and HV LED: | typical 3 ... 60 W |
| Ohmic and CFL: | typical 3 ... 60 W |
| Operation without neutral conductor: Minimum load 50 W. Does not apply to loads with HV LED and compact fluorescent lamps. | |
| Amplifiers: | see instructions for amplifier |
| Connection: | screw terminals |
| single wire: | 1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ² |
| stranded without ferrule: | 1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 2.5 mm ² |
| stranded with ferrule: | 1 x 0.5 ... 4.0 mm ² 2 x 0.5 ... 1.5 mm ² |
| Total length power cable: | max. 100 m |

