

Product data sheet

Dimmer mini universal LED



Reference number

1724 DM

Dimmer mini universal LED

with satellite input

Intended use

- Switching and dimming of lighting
- Operation takes place with a 2- or 3-wire satellite insert, rotary satellite insert or push-button with 1-way NO contact
- Installation in flush box with dimensions according to DIN 49073 in combination with a suitable cover
- Mounting in surface-mounted housing or mounting adapter (ref.-no. FM-EBG) for false ceilings

Product characteristics

- Device works according to the leading edge phase control or trailing edge phase control principle
- Test operation for functional test
- Automatic or manual setting of the dimming principle suitable for the load
- Display of the set operating mode by means of LED
- 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 amplifiers (ref.-no. ULZ 1755 REG)
- Optional accessory: compensation module LED, ref.-no.: KM LED 230 U

Technical data

Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Stand-by power:	approx. 0.3 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 ... 50 W
Inductive transformers:	20 ... 210 VA
Inductive transformers with LV LED:	typical 20 ... 50 VA
Dimmable HV LED lamps:	typical 3 ... 50 W
Dimmable compact fluorescent lamps:	typical 3 ... 50 W

With setting "LED trailing edge phase control" the max. connection power for HV LED lamps and electronic transformers with LV LED doubles.

Ohmic-capacitive:	20 ... 210 W
Capacitive-inductive:	not permitted
Ohmic-inductive:	20 ... 210 VA
Ohmic and HV LED:	typical 3 ... 50 W
Ohmic and CFL:	typical 3 ... 50 W
Amplifiers:	see instructions for amplifier
Connection	screw terminals
single wire:	1 x 0.75 ... 2.5 mm ² 2 x 0.75 ... 1.5 mm ²
stranded without ferrule:	1 x 1.0 ... 4.0 mm ² 2 x 1.0 ... 2.5 mm ²
stranded with ferrule:	1 x 1.0 ... 2.5 mm ² 2 x 1.0 ... 1.0 mm ²
Number of satellite units	
Satellite insert 2-wire 1720 NE:	unlimited
Satellite insert 3-wire 1723 NE:	10
Rotary satellite insert 3-wire 1733 DNE:	10
Unlit installation buttons:	unlimited
Total length of satellite cable:	max. 100 m
Total length power cable:	max. 100 m
Dimensions (Ø x H):	48 x 19.5 mm
Approvals:	VDE

