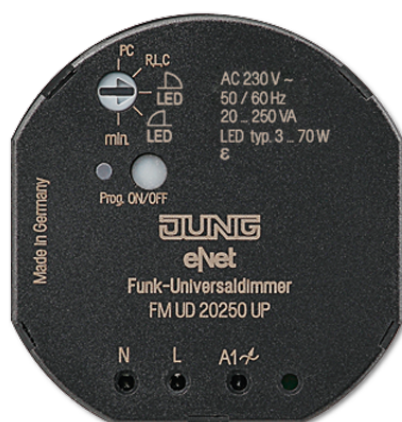


Product data sheet

JUNG

eNet radio dimming actuator 1-gang mini



Reference number

FM UD 20250 UP

eNet radio dimming actuator 1-gang mini

Intended use

- Switching and dimming of incandescent lamps, HV halogen lamps, dimmable HV-LED lamps, dimmable compact fluorescent lamps, dimmable inductive transformers with LV halogen or LV LED lamps, dimmable electronic transformers with LV halogen or LV LED lamps
- Operation with suitable eNet radio transmitters
- Mounting in appliance box according to DIN 49073
- Mounting in surface-mounted housing or built-in housing (ref.-no. FM-EBG) for false ceilings

Product characteristics

- Switch-on via bulb-preserving soft start
- Switch-on brightness can be saved permanently
- Minimum brightness can be saved permanently
- Scene operation possible
- Status indication with LED
- Status feedback to radio transmitter
- Switchable with Prog button
- Electronic short-circuit protection with permanent switch-off after 7 seconds at the latest
- Electronic over-temperature protection
- Automatic or manual setting of the dimming principle suitable for the load
- Power extension possible by means of power boosters. Do not connect any HV-LED

lamps or compact fluorescent lamps in combination with power boosters.

Can be set with eNet server:

- Maximum brightness
- Dimming speed
- Switch-on delay / switch-off delay
- Dim up/dim down ramp
- Switch-off warning
- Operation locks
- Continuous on, Continuous off
- Hotel function
- Run-on time
- Light control

Supplementary functions with eNet server:

- Update of the device software
- Repeater function
- Reading of error memory

Find the right combination of dimmer and illumination: JUNG dimming assistant

Technical data

Rated voltage: AC 230 V ~, 50/60 Hz

Power loss: max. 1.5 W

Stand-by power: max. 0.5 W

Ambient temperature: -25 ... +70 °C

Connected load at 45 °C

Power specifications including transformer power dissipation.

Operate inductive transformers with at least 85 % nominal load.

For ohmic-inductive mixed load, maximum 50 % proportion of ohmic load. Otherwise incorrect calibration of the dimmer may result.

Incandescent lamps:	20 ... 250 W
HV halogen lamps:	20 ... 250 W
TRONIC transformers:	20 ... 250 W
Inductive transformers:	20 ... 250 VA
Dimmable HV LED lamps:	typical 3 ... 70 W
Dimmable compact fluorescent lamps:	typical 3 ... 70 W
ohmic-inductive:	20 ... 250 VA
ohmic-capacitive:	20 ... 250 W
capacitive-inductive:	not permitted
Reduction of load for every 5 °C exceeding 45 °C:	-5 %
for installation into wooden or hollow walls:	-15 %
for installation into multiple combinations:	-20 %
Amplifiers:	see power booster instructions
Connection mode:	screw terminals
single wire:	0.75 ... 4 mm ²
stranded with ferrule:	0.75 ... 2.5 mm ²
Contact type:	
Total length power cable:	max. 100 m
Dimensions (Ø x H):	53 x 28 mm
Radio frequency:	868.0 ... 868.6 MHz
Transmitting power:	max. 20 mW
Transmission range in free field:	typical 100 m
Receiver category:	2