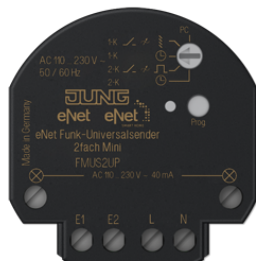


Product data sheet

eNet universal radio transmitter 2-gang mini



Reference number

FM US 2 UP

eNet universal radio transmitter mini

2-gang

New system feature: Fully-encrypted radio transmission (AES-CCM) from eNet Server software version 2.0

Intended use

- Transmitter for radio communication of switching, dimming, blind movement and scene commands
- Activation by push-button, switch, shutter push-button, shutter switch or other devices with push-button contact or switching contact
- Mounting in appliance box 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
- Operation with radio actuators from the eNet system

Product characteristics

- Detection of voltage levels and changes on the input
- Settable transmission behaviour
- Connection for signal lamp – e.g. for connection of push-buttons with separate signal contact (ref.-no. 534 U)
- Display of transmission status with status LED or signal lamp

Operating modes, settable with operating mode switch:

- 1-gang switching/dimming/blind
- 1-gang automatic function
- 2-gang switching/dimming/push-button operation
- 2-gang automatic function

Can be set with eNet server:

- Fully-encrypted radio transmission (AES-CCM) from eNet Server software version 2.0
- Scenes: All On, All Off, individual scenes
- 2-gang blind
- Operation locks
- Setup connections enabled/disabled
- Status for restraint
- Repeater function
- Update of the device software

Single- and dual-area operation

The operation of functions or electrical consumers depends on the application and the connected components.

The operation of the usual switching function follows if switches are connected.

Two operating modes are used when push-buttons are connected:

- Single-area operation - lighting: Switching lighting on or off or dimming it brighter/

- darker takes place alternately when the appropriate button is pressed repeatedly.
- Dual-area operation - lighting: Two buttons form a function pair. Pressing the left button switches or dims lighting on or brighter, pressing the right one switches it off or makes it darker.
 - Single-area operation - blind: Upward or downward movement takes place alternately when the appropriate button is pressed repeatedly.
 - Dual-area operation - blind: Two buttons form a function pair. Pressing the left button moves a blind upwards, pressing the right one moves it downwards.

Technical data

Rated voltage:	AC 110 ... 230 V ~, 50/60 Hz
Stand-by power:	0.5 W
Ambient temperature:	-25 ... +70 °C
Inputs	
Cable length:	max. 100 m
Input current at rated voltage:	approx. 2 mA
Signal duration:	min. 200 ms
Signal lamp output	
Rated voltage:	AC 110 ... 230 V ~
Output current:	40 mA
Connection mode:	
single wire:	0.75 ... 4 mm ²
stranded with ferrule:	0.75 ... 2.5 mm ²
Dimensions (Ø x H):	53 x 23 mm
Radio frequency:	868.0 ... 868.6 MHz
Transmitting power:	max. 20 mW
Transmission range in free field:	typical 100 m
Receiver category:	2

