

Wireless transmitter module



FSM14-UC

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:

-20°C up to +50°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

annual average value <75%.

Wireless 4-fold transmitter module. With internal antenna. If required, a wireless antenna FA250 can be connected. Only 0.1 watt standby loss.

Modular device for DIN-EN 60715 TH35 rail mounting. 1 module = 18mm wide, 58mm deep.

Connection to the Eltako-RS485 bus.

Power supply cross wiring with jumper.

Alternatively, the power supply can be performed with a switching power supply unit 12V DC at the terminals +12V/GND.

This wireless transmitter module has four channels and, like a wireless 4-way-pushbutton, it can transmit wireless telegrams into the Eltako wireless network. E1 initiates a wireless telegram like 'press rocker above' of a wireless pushbutton with one rocker, E2 like 'press rocker below' (or 'right rocker' of a radio pushbutton with double rocker), E3 like 'press left rocker above' of a wireless pushbutton with double rocker and E4 like 'press left rocker below' of a wireless pushbutton with double rocker.

The telegram on opening the control contacts is identical like 'release wireless pushbutton'.

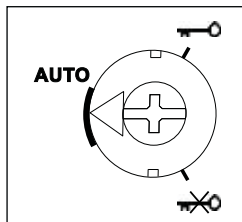
Several wireless transmitter modules must not be switched at the same time.

The universal control voltage at +En/-E processes control commands from 8 to 253V AC or 10 to 230V DC with a length

of at least 0.2 seconds. Max. parallel capacitance (approx. length) of control lead at 230V 0.9µF. This corresponds to a length of approx. 3000 meters.

If the terminals E1 and E2 are connected with a bridge, the wireless telegram is transmitted from E2, as long as the control voltage is applied, e.g. for central commands with priority.

Function rotary switch



The rotary switch is required for the activation or deactivation of encryption and is set to AUTO in operation.

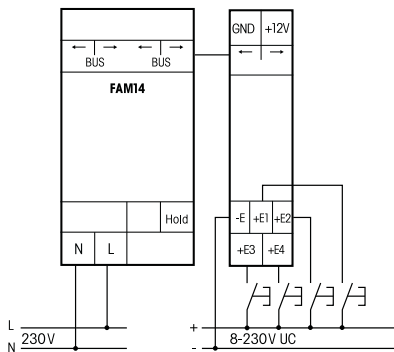
Activate encryption:

Turn the rotary switch to the right stop (position key) and press once.

Deactivate encryption:

Turn the rotary switch to the left stop (position crossed out key) and press once.

Typical connection



EnOcean wireless

Frequency	868.3MHz
Transmit power	max. 10mW

Hereby, Eltako GmbH declares that the radio equipment type FSM14-UC is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: eltako.com

Must be kept for later use!

We recommend the housing for operating instructions GBA14.

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