Eltako
ELECTRONICS

Wireless transmitter module
FSM14-UC

$C \epsilon$

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 = 18 mm wide, 58 mm deep.

Connection to the Eltako-RS485 bus. Bus cross wiring and power supply with jumper. Alternatively, the power supply can be performed with a switching power supply unit 12 V DC at the terminals +12 V/GND.

This wireless transmitter module has four channels and, like a wireless 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', 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.

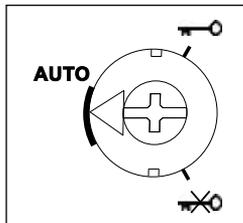The telegram on opening the control contacts is identical like 'release wireless pushbutton'.

Severel 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 0.9 µF. 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 conrol 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.
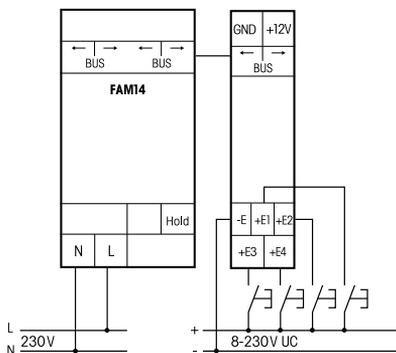
Activate encryption:
Turn the rotary switch to the right stop (position key) and press once.

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

Typical connection

**ELTAKO GmbH hereby declares that the products that relates to this operating manual, are in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.
A copy of the EU declaration of conformity can be requested at the address below.**

Must be kept for later use!

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