Eltako

30 100 540 - **2**

Wireless relay actuator
FR62-230V

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%.

valid for devices from production week 18/21 (see bottom side of housing)

Wireless relay actuator 10 A/250 V AC. 1 NO contact or NC contact, potential free. Standby loss only 0.4 watt.

For installation. 49x51mm, 20 mm deep.

The terminals are plug-in terminals for conductor cross-sections of 0.2 mm^2 to 2.5 mm^2.

Up to 32 wireless pushbuttons and wireless window contacts can be taught in using easy tap technology.
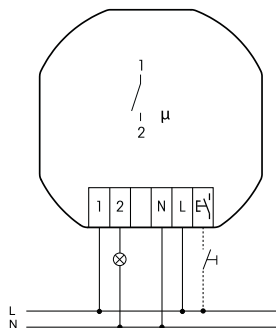
Bidirectional wireless switchable.

Distance between control terminals/ contact 6 mm.

Supply voltage, switching voltage and control voltage local 230 V.

If supply voltage fails, the device is switched off in defined mode. When the supply voltage is restored, the device is switched off in a defined process. After installation, wait until the short automatic synchronisation takes place before the switched user is connected to the network.

In addition to the wireless control input via an internal antenna, this wireless actuator can also be controlled locally by a conventional 230 V control switch if fitted previously.

Glow lamp current is not permitted.

Typical connection

During teach-in, the function of the contact in quiescent position is defined as NO or NC.

Closes the contact with at least one open window; it can then activate extraction hoods etc. or generate an alarm.

Opens the contact with at least one open window: it can then switch off heaters or air conditioners.

Several wireless window contacts are linked together. The function is determined by the last wireless window contact which is taught in.

Start-up:
After you switch on the power supply, the teach-in mode is automatically active for 2 minutes provided the memory content is empty (as-delivered state) and/or the teach-in mode is not blocked.

Readiness for teach-in is indicated by briefly switching the load on/off.

If no action takes place for 2 minutes, teach-in mode ends automatically.

This is signalled by switching the load on and off briefly.

Teaching-in sensors:
Wireless pushbutton as NO contact: tap briefly 3 times;

Wireless pushbutton as NC contact: tap briefly 4 times;

Wireless window contact FTK, FTKB: (EEP D5-00-01) as well as FTKE (EEP F6-10-00) as NO contact: Briefly close and open the window 3 times (close -> open -> close -> open -> close -> open window);

Wireless window contact FTK, FTKB: (EEP D5-00-01) as well as FTKE (EEP F6-10-00) as NC contact: Briefly close

and open the window 4 times (close -> open -> close -> open -> close -> open -> close -> open window);

Wireless window handle sensor FFG7B as NO contact: (EEP A5-14-09)

Wireless window/door contact FTKB-hg, mTronic as NO contact: (EEP A5-14-0A)

Wireless window/door contact FFGB-hg as NO contact: (EEP A5-14-01, -03, -0A)

Wireless window/door contact eTronic as NO contact: (EEP A5-14-01)

GFVS: (EEP A5-38-08);

During the teaching-in of the GFVS, confirmation telegrams are switched on and sent automatically.

Teaching-in a sensor, is confirmed by briefly switching the load on/off. The teach-in mode is then active for a further 2 minutes.

To prevent unintentional teach-in, the teach-in mode is automatically blocked 2 minutes after the last teach-in. This is indicated by the load switched on/off briefly twice.

Unencrypted and encrypted sensors can be taught in.

Teach in encrypted sensors:
1. Activate teach-in mode if necessary.
2. Activate sensor encryption within 2 minutes.
3. Then teach in the encrypted sensor as described under 'Teach in sensors'.

With encrypted sensors, use the 'rolling code', i.e. the code changes in each telegram, both in the transmitter and in the receiver.

If a sensor sends more than 50 telegrams when the actuator is not active, the sensor is no longer recognised by the active actuator and must be taught in again as 'encrypted sensor'. It is not necessary to teach in the function again.

Block teach-in mode immediately:
Tap 3 times briefly and once long (>2 seconds) on a wireless pushbutton that is already taught in or the wireless window contact.

With a wireless window contact, tapping briefly 3 times and once long = close -> open -> close -> open -> close -> open -> close long (>2 seconds)-> open window.

A block is indicated by switching the load

on/off twice briefly.

Unblock teach-in mode:
Tap 4 times briefly and once long (>2 seconds) on a wireless pushbutton that is already taught in, the local pushbutton or the wireless window contact.

Briefly close and open the window 4 times briefly and 1 once long (close -> open -> close -> open -> close -> open -> close -> open -> long close (>2 seconds) -> open window).

Readiness for teach-in is indicated by briefly switching the load on/off.

Teach in confirmation telegrams from other actuators:
Unlock simplified learning mode:

1. Tap an already taught-in wireless pushbutton (not central control pushbutton) or the local wired button 4 times briefly plus 2 times long (> 2 seconds). The readiness for teching-in is signaled by briefly switching the load on and off, this mode is active for 30 seconds.
2. Switch the actuator, which its confirmation telegram has to be taught in, on or off with its wired button. The automatic locking is signaled immediately after teaching-in by briefly switching the load on and off twice.

Confirmation telegram 'ON' (0x70 and 0x30) is taught-in as 'Central ON'.

Confirmation telegram 'OFF' (0x50 and 0x10) is taught-in as 'Central OFF'.

Clear memory content completely (restore as-delivered state):
1. Switch power supply off/on.
2. Tap 8 times briefly and once long (>2 seconds) on a wireless pushbutton that is already taught in, the local pushbutton or the wireless window contact.
   Clear is indicated by switching the load on/off briefly.
3. Apply on 'Teach in wireless pushbutton'.

Switch on/off confirmation telegrams:
1. Switch power supply off/on.
2. Tap 7 times briefly and once long (>2 seconds) on a wireless pushbutton that is already taught in, the local pushbutton or the wireless window contact.

ON is indicated by switching the load on/off briefly twice.

OFF is indicated by switching the load on/off briefly once.

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THE UNIQUE WIRELESS **PROFESSIONAL SMART HOME** STANDARD

Frequency	868.3 MHz
Transmit power	max. 10 mW

Must be kept for later use!