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Wireless relay actuator FR62NP-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, not 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 mm² to
2.5 mm².

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

Bidirectional wireless switchable.

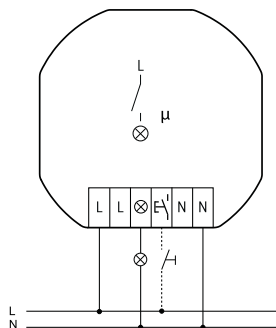
Zero passage switching.

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 conven-
tional 230V 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, con-
firmation 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 tele-
gram, 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 push-
button 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 push-
button (not central control pushbutton)
or the local wired button 4 times briefly
plus 2 times long (> 2 seconds). The
readiness for teaching-in is signaled by
briefly switching the load on and off,
this mode is active for 30 seconds.
2. Switch the actuator, which its confir-
mation telegram has to be taught in, on
or off with its wired button. The auto-
matic 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 push-
button 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

**Hereby, Eltako GmbH declares that the radio
equipment type FR62NP-230V is in com-
pliance 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!

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