

Tap-radio® relay actuator



TF61R-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 27/16 (see bottom side of housing)

Wireless relay actuator 10A/250V AC.
1 NO contact or NC contact, not potential free. Standby loss only 0.8 watt.

For installation.

45 mm long, 45 mm wide, 18 mm deep.
Up to 32 wireless pushbuttons, wireless window contacts and bidirectional wireless can be taught in using easy tap-radio® technology.

Zero passage switching.

Bidirectional wireless switchable.

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

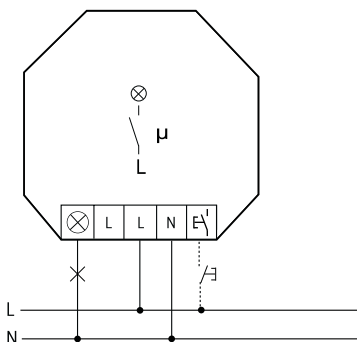
If supply voltage fails, the device is switched off in defined mode.

In addition to the wireless control input via an internal antenna, this tap-radio® actuator can also be controlled locally by a conventional 230V control switch if fitted previously. Glow lamp current is not permitted.

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.

Typical connection



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.

Teach in wireless pushbutton:

Wireless pushbutton as NO contact:

tap briefly 3 times;

Wireless pushbutton as NC contact:

tap briefly 4 times;

Wireless window contact and Hoppe window handle as NO contact:

Briefly close and open the window 3 times (*close -> open -> close -> open -> close -> open window*);

Wireless window contact and Hoppe window handle as NC contact:

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

GFVS: teach-in telegram 0xE0400D80; this automatically switches on confirmation telegrams and blocks the teach-in mode.

Teaching-in a pushbutton, 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.

Block teach-in mode immediately:

Tap 3 times briefly and once long (>1 second) 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 (>1 second)-> open window.

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

Unblock teach-in mode:

1. Switch power supply off/on.
2. Tap 4 times briefly and once long (>1 second) on a wireless pushbutton that is already taught in, the local pushbutton or the wireless window contact.
Readiness for teach-in is indicated by briefly switching the load on/off.
3. Apply on 'Teach in wireless pushbutton'.

Clear memory content completely (restore as-delivered state):

1. Switch power supply off/on.
2. Tap 8 times briefly and once long (>1 second) 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 (>1 second) 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.

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!

Eltako GmbH

D-70736 Fellbach

Technical Support English:

☎ Michael Thünte +49 176 13582514

✉ thunte@eltako.de

☎ Marc Peter +49 173 3180368

✉ marc.peter@eltako.de

eltako.com