



Tap-radio® shading element
actuator

TF61J-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 26/19 (see bottom side of housing)

Wireless shading element and roller
shutter actuator 1+1 NO contact
4A/250V AC for a shading element
motor. Standby loss only 0.8 watt.

For installation.

45 mm long, 45 mm wide, 18 mm deep.
Up to 24 wireless universal pushbuttons,
wireless direction pushbuttons and wireless
central control pushbuttons 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.

Wireless pushbuttons can be taught in
with either the functions 'Up-Stop-
Down-Stop' as universal pushbuttons or
as local pushbuttons as well as a wire-
less pushbutton or roller shutter double
pushbuttons can be taught in as direction
pushbuttons with press top for 'Up' and
bottom for 'Down'. Press briefly to stop

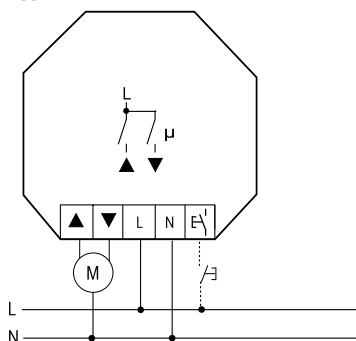
the movement. In addition the central
control pushbuttons can be taught in
without priority.

The tap reverse function can be activat-
ed: universal pushbuttons, direction
pushbuttons and wired pushbuttons are
initially in static mode so that the position
of the blind can be adjusted.

With control via GFVS software, oper-
ating commands for up and down with
the exact travel time information can be
started. As the actuator reports the exact
elapsed time after each activity, even
when driving was triggered by a push-
button, the position of the shading is
always displayed correctly in the GFVS
software. Upon reaching the end positions
above and below the position is auto-
matically synchronized.

When a TF-FKB, TF-FKE, TF-FGB or FTKB-
hg wireless window contact is taught in,
a lockout protection is set up for open
windows or doors to disable the Central
Down and GFVS Down commands.
Up to 24 wireless pushbuttons can be
taught in.

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 a
short 'Down, Stop' signal.

Teach in wireless pushbutton:

Universal pushbutton: tap briefly 3 times;

Direction pushbutton: tap briefly 4 times;
Top part of direction pushbutton as 'Up'
and lower part as 'Down' and 'Stop' in
each case; direction pushbuttons are
fully taught in automatically when the
top or bottom part is pressed.

Central control pushbutton Up: Tap
briefly 5 times;

Central control pushbutton Down: Tap
briefly 6 times;

Window contact: Close and open the
window briefly 4 times;

Wireless window handle sensor TF-FGB:
(EEP: A5-14-09)

Wireless window/door contact FTKB-hg:
(EEP: A5-14-0A)

Wireless timer TF-SUD, TF-SUD55:
(EEP: A5-38-08)

On command = up, off command = down

GFVS: (EEP: A5-3F-7F)

This automatically switches on and sends
confirmation telegrams. It locks automati-
cally the teach-in mode.

After a pushbutton is taught in, it is
confirmed by a short 'Down, Stop';
the teach-in mode is 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, if an universal or direction
pushbutton is already taught in. This is
indicated by a two short "Off, Stop"
messages.**

Block teach-in mode immediately:

Tap 3 times briefly and once long
(>2 seconds) on a wireless pushbutton
(not central control pushbutton) that is
already taught in or the local pushbut-
ton. Blockage is signalled by two short
'Down, Stop' signals.

Unblock teach-in mode:

Tap 4 times briefly and once long
(>2 seconds) on a wireless pushbutton
already taught in (not a central command
pushbutton) or the local pushbutton.
Readiness for teach-in is indicated by a
short 'Down, Stop' signal.

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 push-
button already taught in (not a central
command pushbutton) or the local
pushbutton.
Clear is signalled by a brief 'Down,
Stop'.
3. Apply on 'Teach in wireless push-
button'.

Tap reverse activation:

1. Switch power supply off/on.
2. Tap 5 times briefly and once long
(>2 seconds) on a wireless push-
button already taught in (not a central
command push button) or the local
pushbutton. On is signalled by a two
brief 'Down, Stop' signals. Off is sig-
nalled by a brief 'Down, Stop'.

Tap reverse deactivation (factory setting):

1. Switch power supply off/on.
2. Tap 6 times briefly and once long
(>2 seconds) on a wireless pushbut-
ton already taught in (not a central
command push button) or the local
pushbutton. Off is signalled by a brief
'Down, Stop' signal.

Switch on/off confirmation telegrams:

1. Switch power supply off/on.
2. Tap 7 times briefly and once long
(>2 seconds) on a wireless push-
button already taught in (not a central
command pushbutton) or the local
pushbutton.
On is signalled by a two brief 'Down,
Stop' signals.
Off is signalled by a brief 'Down,
Stop'.

The release delay time in as-delivered
state is 200 seconds.

Teach in individual release delay time:

1. Start "go down" by briefly tapping an
already taught-in wireless pushbutton
or the local pushbutton.
2. When the shading element reaches
the bottom end position, unlock the
teach-in mode with an already taught-

in wireless pushbutton (not a central
control pushbutton) or the local push-
button.

3. Start by pressing long (>2 seconds)
on an already taught-in wireless
pushbutton (not a central control
pushbutton) or the local pushbutton.
After the shading element reaches the
top end position, tap the pushbutton
briefly. The travel time is saved as the
new release delay time. After this pro-
cedure, the teach-in mode is automati-
cally locked.

EnOcean wireless

Frequency	868,3MHz
Transmit power	max. 10mW

**Hereby, Eltako GmbH declares that the
radio equipment type TF61J-230V 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!

Eltako GmbH

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