



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%.

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.

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.

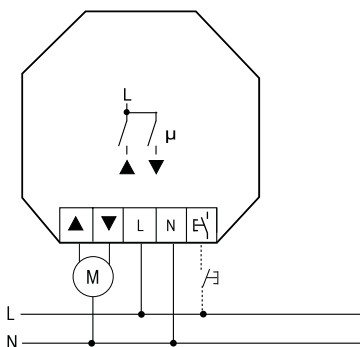
With control via GFVS software, oper-
ating commands for up and down with
the exact travel time information can be
started. As the actuator reports the exact

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 posi-
tions above and below the position is
automatically synchronized.

When a TF-FKB or TF-FKE 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;

GFVS: Teach-in telegram 0xFF80D80;
this automatically switches on confirma-
tion telegrams.

After a pushbutton is taught in, it is con-
firmed by a short 'Down, Stop'; the teach-
in mode is active for a further 2 minutes.
If no action occurs for 2 minutes, the
teach-in mode ends automatically. This is
signalled by a brief 'Down, Stop'.

**To prevent accidental teach-in, block
the teach-in mode immediately after
teaching in all the wireless push-
buttons.**

Block teach-in mode:

Tap 3 times briefly and once long
(>1 second) on a wireless pushbutton
that is already taught in or the local
pushbutton. Blockage is signalled by two
short 'Down, Stop' signals.

Unblock teach-in mode:

1. Switch power supply on/off.
2. Tap 4 times briefly and once long
(>1 second) on a wireless pushbutton
already taught in (not a central com-
mand pushbutton) or the local push-
button.

Readiness for teach-in is indicated by
a short 'Down, Stop' signal.

3. Apply on 'Teach in wireless push-
button'.

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

1. Switch power supply on/off.
2. Tap 8 times briefly and once long
(>1 second) on a wireless pushbutton
already taught in (not a central com-
mand pushbutton) or the local push-
button.

Clear is signalled by a brief 'Down,
Stop'.

3. Apply on 'Teach in wireless push-
button'.

Switch on/off confirmation telegrams:

1. Switch power supply on/off.
2. Tap 7 times briefly and once long
(>1 second) on a wireless pushbutton
already taught in (not a central com-
mand pushbutton) or the local push-
button.

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. When teach-in mode is active, start
with an already taught-in wireless
pushbutton or by briefly tapping
'Down' on a local pushbutton.
2. When the shading element reaches
the bottom end position, switch the
power supply off and on.
3. Start by pressing long (>2 seconds)
on an already taught-in wireless push-
button (not a central control push-
button) 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.

**ELTAKO GmbH hereby declares that the
products that relates to this operating
manual, are in compliance with the
essential requirements and other rele-
vant provisions of directive 1999/5/EC.**

**A copy of the EU declaration of con-
formity 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