

Tap-radio® light actuator adapter

CE

TF100L-230V

Ambient temperature:

0°C up to +35°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

annual average value <75%.

valid for devices from production week

20/18 (see bottom side of housing)

Wireless light actuator adapter 10A/250V

AC. 100x55x45mm (measurements

without plug), pure white glossy. Impulse

switch with NO contact. 230V incan-

descent lamps and halogen lamps

1000W, ESL and 230V LED lamps up to

200W. Standby loss only 0.8 watt.

Adapter for German fused safety sockets.

Using easy tap-radio® technology, up to

24 wireless universal pushbuttons, wire-

less direction pushbuttons, wireless central

control pushbuttons, smoke alarms

TF-RWB as well as motion sensors

TF-BSB and TF-BHSB can be taught in.

**Zero passage switching.**

Bidirectional wireless switchable.

Supply voltage and switching voltage

230V.

If supply voltage fails, the device is

switched off in defined mode.

**Start-up:**

After plugging the device into the socket

the teach-in mode is automatically active

for 2 minutes provided the memory con-

tent 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:**

**Universal pushbutton:** tap briefly 3 times;

**Direction pushbutton:** tap briefly 4 times;

direction pushbutton teach-in is fully

automatic when the pushbutton is tap-

ped. Where you tap is then defined as

switch-on. The other side automatically

becomes switch-off.

**Central control pushbutton on:** tap

briefly 5 times;

**Central control pushbutton off:** tap

briefly 6 times;

**Wireless motion sensor TF-BSB, TF-BHSB:**

teach-in telegram 0x1C080D80;

**Smoke alarm TF-RWB:**

teach-in telegram 0xC0182D80;

**Rotary switch and GFVS:** Teach-in tele-

gram 0xE0400D80, this automatically

switches on and sends confirmation

telegrams. It 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, if an**

**universal or direction pushbutton is**

**already taught-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 (not a central

command pushbutton).

A block is indicated by switching the

load on/off twice briefly.

**Unblock teach-in mode:**

Tap 4 times briefly and once long

(>1 second) on a wireless pushbutton

already taught in (not a central com-

mand pushbutton).

Readiness for teach-in is indicated by

briefly switching the load on/off.

**Clear memory content completely**

**(restore as-delivered state):**

1. Unplug or plug in the adapter.

2. Tap 8 times briefly and once long

(>1 second) on a wireless pushbutton

already taught in (not a central com-

mand pushbutton).

Clear is indicated by switching the

load on/off briefly.

3. Apply on 'Teach in wireless pushbutton'.

**Clear memory content completely**

**(restore as-delivered state) without a**

**pushbutton:** unplug and plug in the

adapter 8 times within 20 seconds.

Clear is indicated by switching the load

on/off briefly.

**Switch on/off confirmation telegrams:**

1. Unplug or plug in the adapter.

2. Tap 7 times briefly and once long

(>1 second) on a wireless pushbutton

already taught in (not a central com-

mand pushbutton).

ON is indicated by switching the load

on/off briefly twice.

OFF is indicated by switching the load

on/off briefly once.

**Semi-automatic motion detection with**

**taught-in wireless motion sensor**

**TF-BSB, TF-BHSB (factory setting):**

Press the pushbutton to switch on. This

starts a release delay time of 5 minutes

during which the device switches on

again if motion is detected. When motion

is no longer detected, the device switches

off automatically after 5 minutes. The

actuator then responds to motion for a

further 5 minutes before switching off

automatically. After this time expires, the

device must be switched on again by

pressing the pushbutton. The device can

be switched off at any time by pressing

the pushbutton, but then motion is no

longer detected.

**Fully automatic motion detection with**

**taught-in wireless motion sensor**

**TF-BSB, TF-BHSB:**

If the actuator is not to switch on auto-

matically when motion is detected, e.g.

in rooms without daylight, replug the

jumper to 'active' on the TF-BSB device.

When motion is no longer detected, the

device switches off automatically after

the 5 minute release delay time expires.

Press the pushbutton at any time to

switch the device on or off. When motion

is detected, the device switches on again

automatically.

If a smoke **detector TF-RWB** is taught-in,

the contact closes immediately after

receiving the alarm telegram. After recei-

ving the alarm end telegram, the contact

doesn't open automatically, but only via

a pushbutton.

!

May only be used in closed dry

rooms.

The socket must be easily

accessible.

Don't insert in a row.

EnOcean wireless

Frequency	868,3MHz
Transmit power	max. 10mW

Hereby, Eltako GmbH declares that the

radio equipment type TF100L-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](http://eltako.com)

WEEE registration number DE 30298319

Must be kept for later use!

**Eltako GmbH**

D-70736 Fellbach

**Technical Support English:**

☎ Michael Thünte +49 176 13582514

✉ [thunte@eltako.de](mailto:thunte@eltako.de)

☎ Marc Peter +49 173 3180368

✉ [marc.peter@eltako.de](mailto:marc.peter@eltako.de)

[eltako.com](http://eltako.com)