

Tap-radio® window contact



TF-FKB

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 16/18 (see bottom side of housing)

Wireless window contact pure white

glossy, 75x25x12 mm, with battery.

Magnet pure white 37x10x6 mm.

The TF-FKB wireless window contact

has been powered by an internal CR2032 button cell for several years.

To activate battery supply, open the

housing and remove the insulation strip under the button cell.

On opening and closing, the related telegram is sent twice in short succession.

The current status telegram is sent cyclically every approx. 8 minutes.

Attach by bonding.

When the teach-in button is pressed, the sensor teach-in telegram is sent. When the teach-in button is released, the voltage telegram is sent with the same ID. The current status telegram is sent cyclically every approx. 60 minutes.

To teach in with a TF61R relay actuator and a TF61J shading element actuator, open and close the window several times or hold the magnet at the marked position (notch) several times. Please refer to the actuator operating instructions.

When teaching in window contacts in TF61R, an alarm may sound when the window is opened, the extractor hood may be activated, and the heating or air conditioning may be switched off. Please refer to the actuator operating instructions.

When teaching in a window contact in TF61J, a lock-out protection may be set

up when a window or door is opened, and this blocks Central Down and GFVS Down commands. Please refer to the actuator operating instructions.

To teach in with FSR14, FSB14, FHK14, FZK14, FSR61, FSB61, FHK61, FZK61, FSR71 and FSB71 actuators, open the housing and press the button located inside. Please refer to the actuator operating instructions.

Both the window/door contact and the magnet have an approx. 10 mm long notch to mark the point where they must be located next to each other when the window is closed. They may not be spaced more than 5 mm apart.

The crossed-out waste container indicates that batteries may not be disposed with other household or commercial waste.



Attention: Danger of explosion if battery is replaced improperly. Only replace it by an equivalent type!

Sensor telegrams (EEP: D5-00-01)

Teach-in telegram DB3..DB0: 0x00, 0x00, 0x00, 0x00

ORG = 0x06

Data_byte3 = contact closed = 0x09

Contact open = 0x08

Voltage telegram :

(evaluation, e.g. with the GFVS)

ORG = 0x07

Data_byte0 = 0x08

Data_byte1 = 0x00

Battery voltage :

Data_byte2 = 0x00..0xFF equivalent to 0..5V

Energy storage:

Data_byte3 = 0x00.. 0xFF equivalent to 0..5V

EnOcean wireless

Frequency	868,3 MHz
Transmit power	max. 10mW

Hereby, Eltako GmbH declares that the radio equipment type TF-FKB 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!

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