



30 000 423 - 2



Wireless window/door contact

FFKB-

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
30/23** (see bottom side of housing)

Wireless window/door contact with battery (lifetime 7 years) 75x25x12 mm.

When closing and opening, the corresponding telegram is sent twice in rapid succession. The current status telegram is sent cyclically approx. every 8 minutes.

Fixing by gluing.

Dimensions window/door contact LxWxH:
75x25x12 mm; Dimensions magnet LxWxH:
37x10x6 mm.

The electronics are powered by an internal CR2032 button cell for several years.

To change it, the housing has to be opened. This is also required to activate the battery supply by pulling out an insulating strip.

The sensor teach-in telegram is sent when the internal button is pressed.

When the button on the inside is released, the voltage telegram is sent with the same ID.

The current voltage and status telegram is sent cyclically every 60 minutes.

To teach-in in a ready actuator, the housing must be opened and the button on the inside must be pressed.
The green LED flashes once.

The window/door contact can also be taught-in in encrypted form in actuators according to the operating instructions.

Enable encryption:

Press the inside button >2 seconds but <5 seconds. The green LED flashes 2 times slowly.

Disable encryption:

Press the inside button for 5 seconds. The green LED flashes 4 times excitedly.

If window/door contacts FFKB are taught-in into switching actuators FSR14, links of up to 116 FTK are possible.

To do this, observe the operating instructions for the actuator.

If window/door contacts FFKB- are taught-in in switch actuators FSB14, FSB61NP or FSB71, lock-out protection is set up when the door is open, which blocks a central down command. Please refer to the operating instructions for the actuator.

If window/door contacts FFKB- are taught-in into switching actuators FHK14 or FHK61, heating and air conditioning units are switched off when the window is open.

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. Batteries can be returned free of charge to the retail outlet after use.



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: 0x00000000

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..5 V

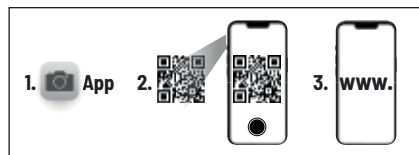
Energy storage:

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

Manuals and documents in further languages:



<http://eltako.com/redirect/FFKB->



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THE UNIQUE WIRELESS **PROFESSIONAL
SMART HOME** STANDARD

Frequency	868.3 MHz
Transmit power	max. 10 mW

Hereby, Eltako GmbH declares that the radio equipment type FFKB- is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity can be accessed via the QR code or the internet address under 'Documents'.

Must be kept for later use!

Eltako GmbH

D-70736 Fellbach

Technical Support English:

+49 711 943 500 25

technical-support@eltako.de

eltako.com

28/2023 Subject to change without notice.