GB CE

30 000 424 - **1**

Eltako

Wireless sensor

Window/door contact FTKB-

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 window/door contact with solar cell and battery 75x25x12 mm.

Starting at 100 Lux daylight the window/door contact FTKB- powers itself from a solar cell, otherwise several years with a button cell.

On opening and closing, the related telegram is send twice in short succession. The current status telegram is sent cyclically every approx. 8 minutes.

Adhesive foil mounting.

Window/door contact dimensions lxwxh:
75x25x12 mm;
magnet dimensions lxwxh:
37x10x6 mm.

If the power supply of the solar module is insufficient, the electronics is powered by an internal button cell CR2032 for several years. To change only the housing has to be opened. This is also required to activate the battery supply by pulling out an insulating strip.

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.

For teaching-in into a teachable actuator, the housing has to be opened and the inner button has to be pressed.

After window/door contacts FTKB- are taught-in in switching actuators FSR14, it is possible to link up to 116 FTKs. Please refer to the actuator operating instructions.

When a wireless window/door contact FTKB- is taught-in in switching actuators FSB14, FSB61NP or FSB71, a lock-out protection is set up while the door is open and disables a Central Down command. Please refer to the actuator operating instructions.

After the window/door contacts FTKB- are taught-in in switching actuators FHK14, FHK61, FZK14 or FZK61, heating and air-conditioning equipment are switched off when windows are opened.

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 = Vontact closed = 0x09
Contact open = 0x08
Voltage telegram:
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/FTKB-

enocean®

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 FTKB- 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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38/2022 Subject to change without notice.