



30 000 424 - 2



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%.

**valid for devices from production week
30/23** (see bottom side of housing)

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 sent twice in short succession. The cur-
rent status telegram is sent cyclically every
approx. 8 minutes.

Adhesive foil mounting.

Window/door contact dimensions l x w x h:

75x25x12 mm;

magnet dimensions l x w x h:

37x10x6 mm.

If the power supply of the solar module is in-
sufficient, 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.

The teach-in telegram is sent by pressing the
internal button. When the internal button is
released, the voltage telegram is sent with
the same ID. The current voltage and status
telegram is sent cyclically every 60 minutes.

For teaching-in into a teachable actuator,
the housing has to be opened and the
inner button has to 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 internal button >2 seconds but
<5 seconds. The green LED flashes 2 times
slowly.

Disable encryption:

Press the internal button for 5 seconds.
The green LED flashes 4 times fast.

**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 or FHK61,** heating and air-conditio-
ning equipment are switched off when win-
dows 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..5V

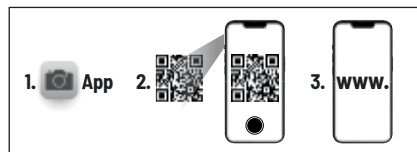
Energy storage:

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

**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 con-
formity can be accessed via the QR code or
the internet address under 'Documents'.**

Must be kept for later use!

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28/2023 Subject to change without notice.