Eltako
ELECTRONICS

Wireless sensor

Pushbutton without wire F6T65B

CE

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-6-way pushbutton for single mounting 84x84x16mm or mounting into the E-design switchingsystem. Whisper quiet and With battery (lifetime 5-8 years). Smart Home sensor.

The scope of supply comprises a mounting base, an attachment frame with snapped-on electronics, a frame R1E and a rocker plate.

The mounting base can be screwed onto a flat surface or glued to the wall, on glass or on furniture using the enclosed adhesive foil. Use the sleeves in the 55mm socket box for screw mounting.

We recommend stainless-steel countersunk screws 2.9x25mm, DIN 7982 C, for screw connections. Both with rawl plugs 5x25mm and with 55mm switch boxes.

The wireless 6-way pushbutton can send 6 evaluable pushbutton telegrams. It basically consists of an 'upper 4-channel pushbutton' and a 'lower 2-channel pushbutton'.

The power supply is an internal 3V CR2032 button cell and has a service life of several years.

Changing the battery:
1. Remove the complete rocker plate.
2. **Briefly press the LRN button.**
   Only then is the 'rolling code' saved for a possibly encrypted pushbutton.
3. Remove battery.
4. Insert new battery.

All you need to do to change the CR1632 button cell is remove the rocker.

The electronics integrated in the wireless pushbutton can be taught-in encrypted as described in the operating instructions in all encryptable actuators of the Series 61 and Series 71 as well as the FAM14. Encryptable actuators bear the pictogram ▬━○.

The 'upper 4-channel pushbutton' and the 'lower 2-channel pushbutton' can be encrypted separately from each other.

Switch on encryption and teach in simultaneously in an encryptable actuator:
1. Remove the complete rocker plate.
2. Place actuator in teach-in mode 'Teach in encrypted sensors' as described in the user's manual.
3. One after the other, press and hold the top left button on the 4-channel pushbutton and the bottom left button on the 2-channel pushbutton and also briefly press the LRN button.
4. Then teach in the encrypted pushbutton as described under 'Teach in sensors' of the actuator.

With encrypted sensors, use the 'rolling code' process, i.e. the code is changed for each telegram both in the transmitter and receiver.

Switch off encryption:
(as-delivered state)
1. Remove the complete rocker plate.
2. One after the other, press and hold the top left button on the 4-channel pushbutton and the bottom left button on the 2-channel pushbutton and also briefly press the LRN button.

Teaching-in wireless sensors in wireless actuators
All sensors must be taught-in in the actuators so that they can detect and execute commands.

The teach-in process is described in the operation manual of the actuators.

The F6T65B can be taught in the GFVS for power monitoring in the same way as a presence detector:
1. Remove the complete rocker plate.
2. Briefly press the LRN button.

The F6T65B sends a presence telegram to EEP every 30 minutes: A5-07-01
Teach-in telegram: 0x1C080D80
Data_byte3 = operating voltage (20mV/value)
Data_byte2 = -
Data_byte1 = 0xFF
Data_byte0 = 0x08

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!**

EnOcean wireless

Frequency	868.3 MHz
Transmit power	max. 10mW

Hereby, Eltako GmbH declares that the radio equipment type F6T65B 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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