

**ELECTRICALLY OPERATED ROOF WINDOW****FT_-V Tuya WiFi****PT_-V Tuya WiFi**

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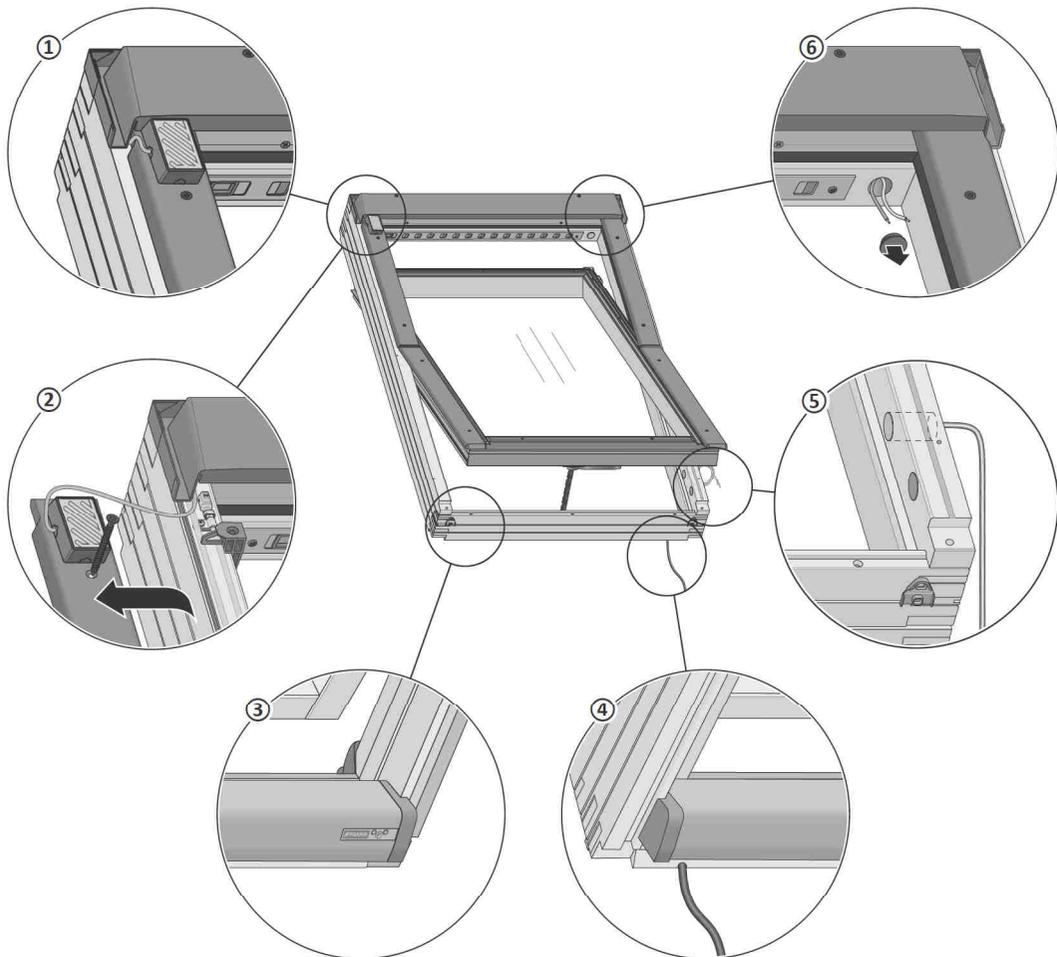
<http://www.fakro.com/download/film-installation-instructions/roof-windows/>

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The FT_V Tuya WiFi, PT_V Tuya WiFi window ensures maximum comfort of using the attic space. Control your window by means of smartphone app locally or from anywhere in the world. Set the comfort position, create a schedule to suit your needs and control the status of your window. Share electric control with other household members.

Use the attic safely: the rain sensor monitors weather conditions outside, the reed switch sensor controls the window status in cooperation with the alarm system.

Equip your window with the external ARZ Tuya WiFi roller shutter, AMZ Tuya WiFi awning blind or internal ARF Tuya WiFi blackout blind and control the temperature and light access within the attic space.



WINDOW ELECTRIC DESCRIPTION

①	Rain sensor	④	Power cable
②	Power supply of external accessory 15V DC, 2x0.5mm ²	⑤	Reed switch – magnetic sensor for alarm
③	Control panel	⑥	Power supply of internal accessory 15V DC, 2x0.25mm ²

TECHNICAL SPECIFICATION

Working temperature:

-10°C to +65°C

Power voltage:

100-240V AC

Rated power:

60W

Power cable cross-section:

3x1.00mm²

Protection class:

IP30

Closing force:

250N

Pushing force:

250N

Chain extension:

240mm

Chain extension speed:

4.25mm/s

Limit switch:

Overload when closing.

Limit when opening

Radio protocol:

WiFi

Radio frequency:

2.4 GHz

Reach:

Up to 20 m in a building

REED SWITCH

Maximum switching voltage:

48V DC/AC

Maximum switching current:

400mA DC/peak AC

Degree of protection:

(PN-EN50131-2-6:2009): 2

Atests:

VdS Germany, INCERT Belgium,

SBSC

Cable cross-section:

4x0.25mm²

IMPORTANT INFORMATION

Please read carefully the instructions below before proceeding to product installation so as to prevent electric shock, injury, etc.

It is required to observe the following recommendations when installing the window:

- After unpacking, check the correct operation of the window. Connect the window to the power supply according to the diagram included in this manual. Start the window using the manual control button.
- Install the window according to the fitting instructions.
- Connect the window to the system according to the diagram included in this manual. Installation should be carried out in accordance with manufacturer's instructions by a qualified professional. Check correct operation with one operation cycle using the manual control button.
- Add the window to your app in accordance with the programming instructions.
- Plastic containers used for packing should be stored out of children reach as they may be a potential source of danger.
- The window should be used according to its intended design. FAKRO shall not be responsible for any consequences being the result of improper window use.
- Any activities related to cleaning, adjustment or dismantling the electric parts of the window should be preceded with disconnecting it from the power supply.
- Electric parts must not be washed using solvent-based substances or open stream of water (do not immerse them in water).
- Any repairs of the window should be carried out by service authorised by the manufacturer.
- In the event of adverse weather conditions (frost, snow) it may not be possible to operate the window.
- The window is equipped with protections: mechanical limiting and current limiting to provide protection against damage in the event of an obstacle or when starting a snow-covered window at low temperature. The mechanical limiting protections of the window are factory set.
- This equipment is not designed for use by people (including children) with limited physical, sensory or mental ability, or by people that do not have experience or knowledge of the equipment, unless it is done under supervision or according to the product original user manual provided by a person responsible for their safety. Do not allow children to play with the equipment.
- The window operates at 2.4 GHz network. 2.4 GHz and 5 GHz networks cannot be operated under the same name.

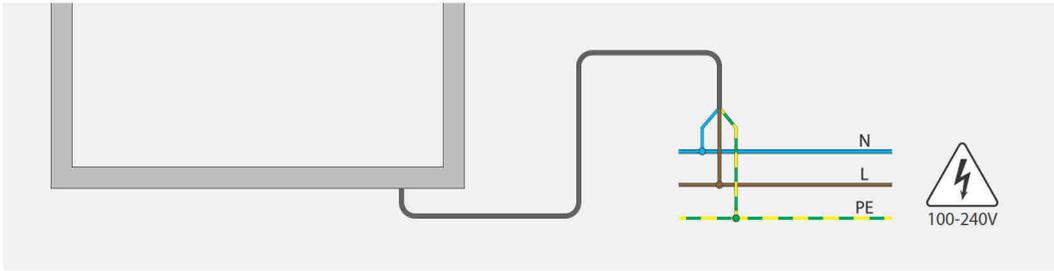
 **Danger of crushing!** When closing, the actuator exerts the force of 250N (app. 25 kg)!

 The window may close automatically (without warning) if it is connected to the control unit or rain sensor.

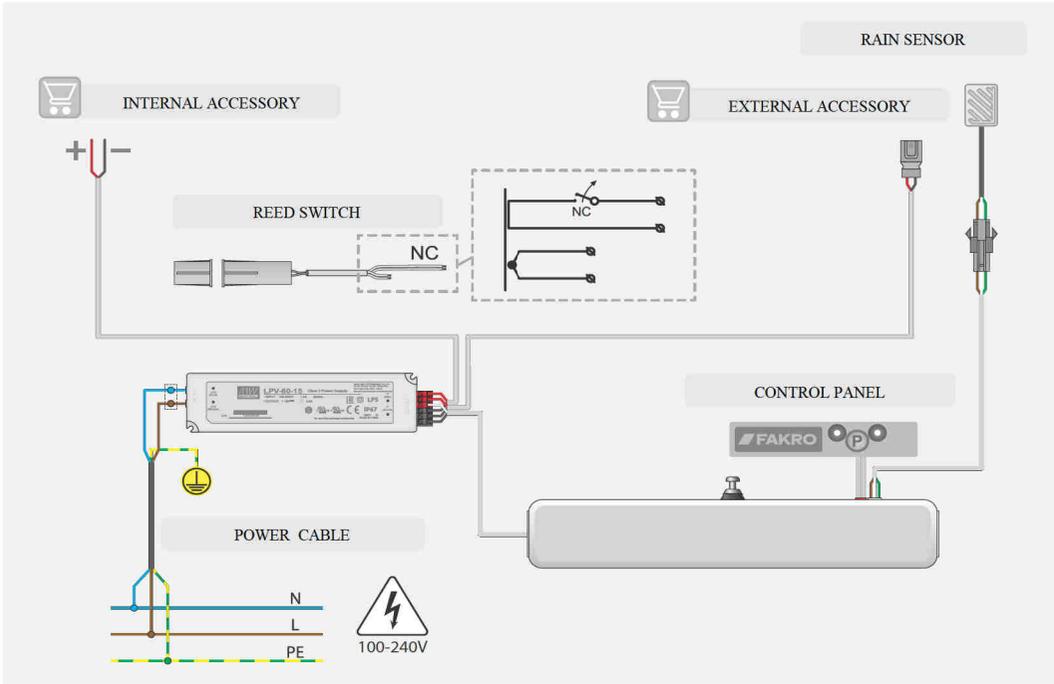
 If the window is easily accessible, e.g. the lower window edge is situated lower than 2.5 m above the floor level, then special safety measures should be adopted so as to prevent health hazards.

 Keep at least 1 m distance to the nearest window element when operating it remotely.

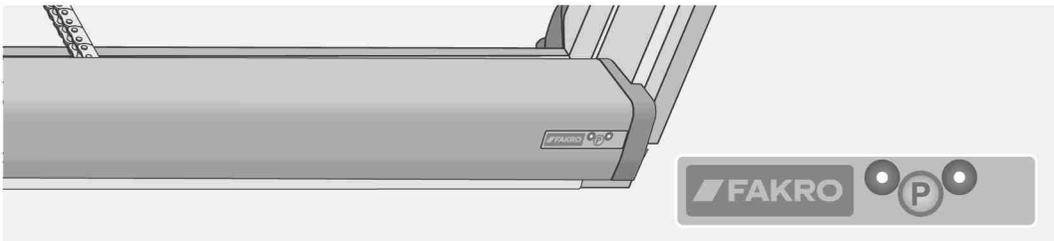
CONNECTION DIAGRAM



WINDOW ELECTRIC DIAGRAM



CONTROL PANEL





Press the button once.
Manual control.



Hold the button for 5 sec.
Entering the AP programming mode (Access Point).

SIGNALLING



Red LED blinks 3 times.
Overload.

MANUAL CONTROL



Control the window by pressing the button. 1. Start, 2. Stop, 3. Start in the opposite direction...

Z-WAVE DEVICES COMPATIBILITY

The WiFi makes it possible to integrate devices of different categories (lighting, heating, domestic automatic control, etc.). This product can be operated in any WiFi network. A router with Internet access is required.



All information on adding devices to the Wi-Fi network can be found in user manuals of these products.



This product is compatible with Tuya Smart and Smart Life app.

DECLARATION OF CONFORMITY



FAKRO Sp. z o.o. hereby declares that a type of radio device FT_-V Tuya WiFi, PT_-V Tuya WiFi complies with the RED Directive 2014/53/EU.

The full text of the EU Declaration of Conformity can be found at:
<https://www.fakro.com/ce-declarations/search/>



COMPLIANCE WITH THE WEEE DIRECTIVE

Devices marked with this symbol must not be disposed of or thrown away as household waste.
It is the user's responsibility to deliver devices that are worn out to the designated recycling area.

QUICK START

FAKRO smartHome APP DOWNLOAD

Download the FAKRO smartHome app using QR code or install it from Google Play or App Store.



ANDROID



IOS



Follow the installer's instructions.

The app shortcut will be added to the home screen.

FAKRO smartHome INSTRUCTIONS



Scan QR code and go to the instructions of FAKRO smartHome app.

WARRANTY



PL

<https://www.fakro.pl/serwis/gwarancja/>



GB

<https://www.fakro.com/service/customer-service/>

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Warranty details:

Device

Model

Serial number

Seller

Address

Purchase date

Invoice No.

Signature (stamp) of person installing a device

