FAKRO®

GB

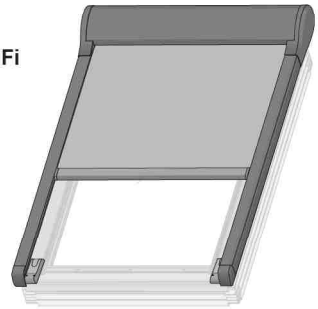
ORIGINAL USER MANUEL

ELECTRICALLY OPERATED ROLLER SHUTTER / AWNING BLIND

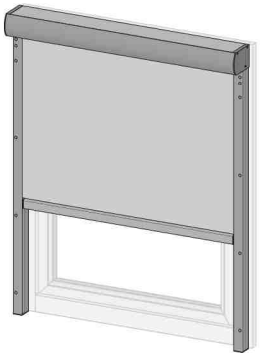
ARZ WiFi
AMZ WiFi
VMZ WiFi

ARZ WiFi

AMZ WiFi



VMZ WiFi



IMPORTANT INFORMATION	2
ADDITIONAL INFORMATION	2
WIRING DIAGRAM	3
CONTROL PANEL	3
MANUAL CONTROL	5
Z-WAVE PRODUCTS COMPATIBILITY	5
QUICK START	6
ADD PRODUCT TO ACCOUNT	7
CONTROL VIA APP	8
COMFORT POSITION	9
PRODUCT CALIBRATION	9
WARRANTY	10

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Dear Sir/Madam! Thank you for purchasing the product from FAKRO. We do hope it will meet your expectations. To ensure appropriate functioning of the product, please peruse this User Manual.

The electrically operated ARZ roller shutter / AMZ, VMZ WiFi awning blind ensure maximum comfort of using the attic space. Control your product 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 product. Share data with household members.

TECHNICAL SPECIFICATION

ARZ WiFi	AMZ WiFi	VMZ WiFi	ARZ, AMZ, VMZ WiFi
Power supply: 15V DC **Power:** 25W **Working temperature:** -20°C to +85°C **Power cable:** 2 x 0.75 mm²	**Power supply:** 15V DC **Power:** 25W **Working temperature:** -20°C to +85°C **Power cable:** 2 x 0.75 mm²	**Power supply:** 15V DC **Power:** 35W **Working temperature:** -20°C to +85°C **Power cable:** 2 x 0.75 mm²	**Radio protocol:** WiFi **Radio frequency:** 2.4 GHz **Reach:** Up to 20 m in a building

IMPORTANT INFORMATION

1. After unpacking, check the product for its correct operation. Place the product in flat position and connect to the 15VDC power supply. The power supply must be purchased separately. Run the product using the manual control button.
2. Install the product according to the fitting instructions.
3. Connect the product to the low voltage system according to the diagram contained in this user manual. Installation should be carried out in accordance with the manufacturer's instructions by a qualified professional. Check the correct operation with one cycle using the manual control button.
4. Add the product to your smartphone in accordance with the programming instructions.
5. The product should be used according to its intended design.
6. In the event of adverse weather conditions (frost, snow) it may not be possible to operate the product.
7. The product 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 product at low temperature. The mechanical limiting protections of the product are factory set.

ADDITIONAL INFORMATION

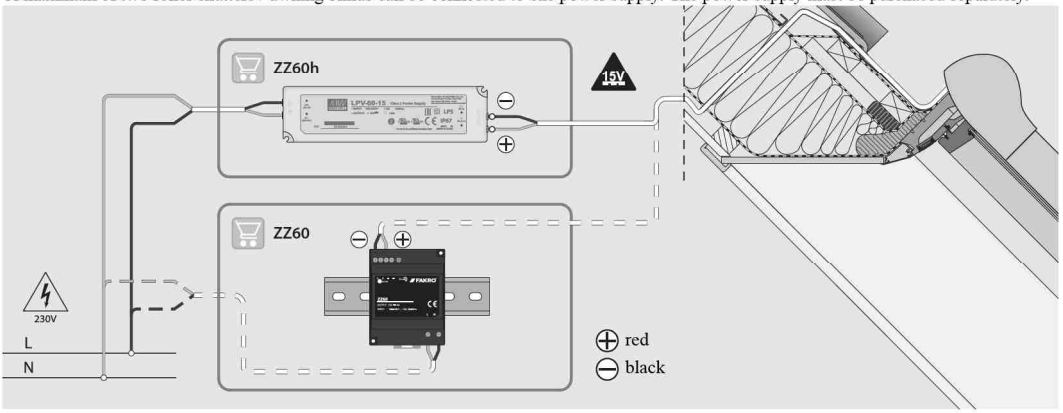
PRODUCT REMOVAL FROM WiFi NETWORK – Holding the programming button for 5 seconds removes the product from the WiFi network (operation completed – LED flashes 15 times).
PRODUCT RESET – At any time when the "P" button has not been used for 10 seconds:
- hold the programming button until LED starts flashing (for the first 4 seconds LED is on)
- within the next 12 seconds, press the programming button 5 times (LED will continue to flash during this time)
- once the 12-second period is over, LED will light up for a few seconds and then turn off

PRODUCT SOFTWARE UPDATE – Remote update of the product software by means of an app is possible.

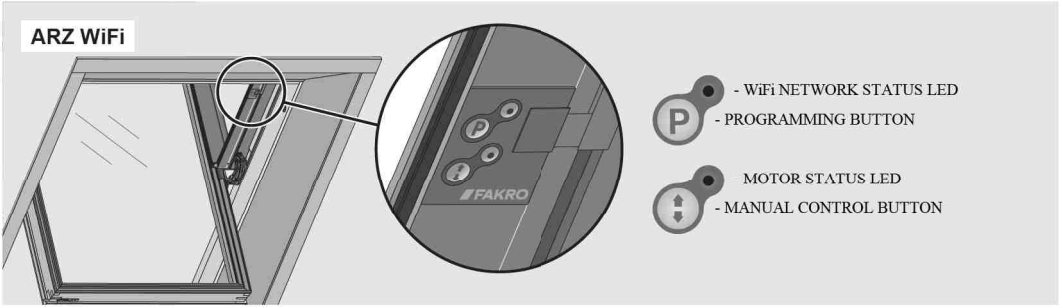
Information on how to define additional functions can be found in the product control app.

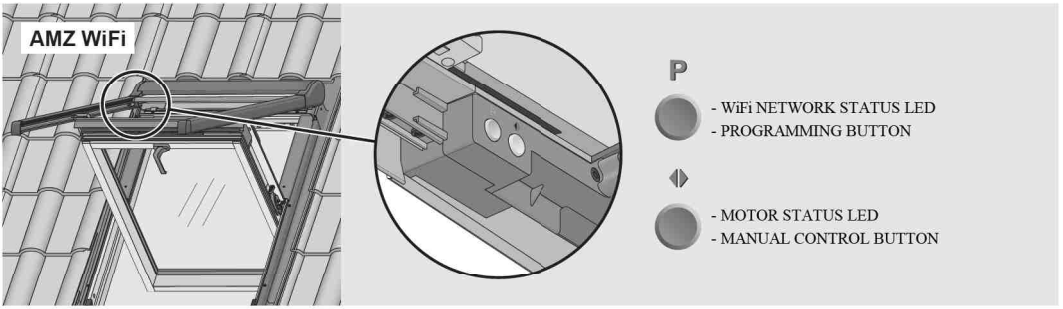
WIRING DIAGRAM

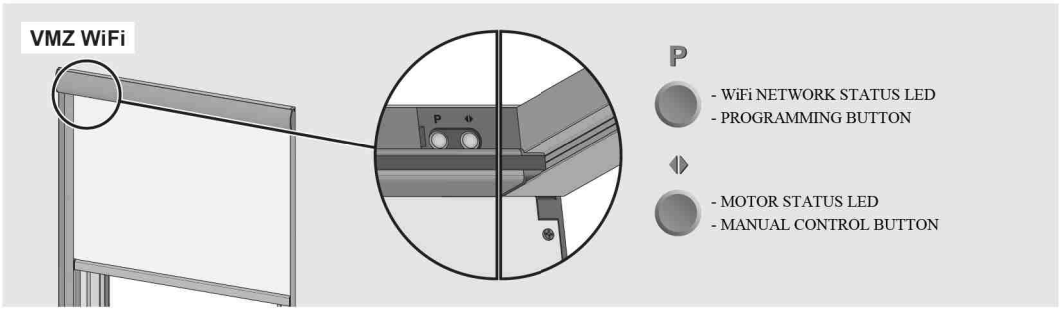
Connect the ARZ WiFi roller shutter / AMZ, VMZ WiFi awning blind to the ZZ60h or ZZ60 power supply according to the diagram below. A maximum of two roller shutters / awning blinds can be connected to one power supply. The power supply must be purchased separately.



CONTROL PANEL







ARZ WiFi

WIFI NETWORK STATUS SIGNALLING

LED flashes once.
Cause: Starting the product.

LED flashes once every 4 seconds.
Cause: The product is assigned to the WiFi network and connected to the power supply. Remote control is possible.

LED is off.
Cause: No power supply or deactivated signalling.

MOVEMENT SIGNALLING

LED flashes once.
Cause: The product reached extreme position (maximum extension).

LED flashes 3 times.
Cause: The product reached extreme position (maximum insertion).

LED is on.
Cause: Overload.

AMZ, VMZ WiFi

WIFI NETWORK STATUS SIGNALLING

LED flashes once.
Cause: Starting the product.

LED flashes once every 4 seconds.
Cause: The product is assigned to the WiFi network and connected to the power supply. Remote control is possible.

LED is off.
Cause: No power supply or deactivated signalling.

MOVEMENT SIGNALLING

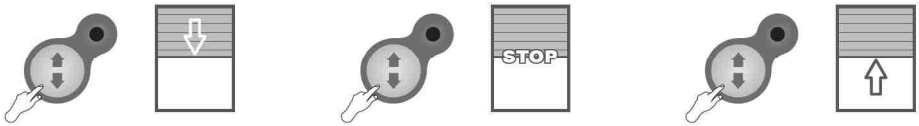
LED flashes once.
Cause: The product reached extreme position (maximum extension).

LED flashes 3 times.
Cause: The product reached extreme position (maximum insertion).

LED is on.
Cause: Overload.

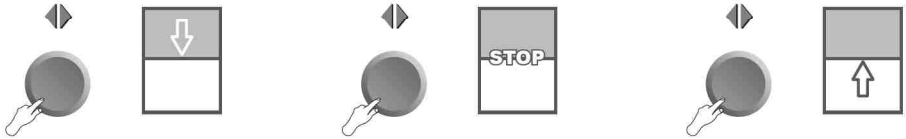
MANUAL CONTROL

ARZ WiFi



Control the product by pressing the manual control button: 1. Start, 2. Stop, 3. Start in the opposite direction…

AMZ, VMZ WiFi



Control the product by pressing the manual control button: 1. Start, 2. Stop, 3. Start in the opposite direction…

Z-WAVE PRODUCTS COMPATIBILITY

With WiFi network you can integrate products belonging to different categories: lighting, heating, domestic automatic control, etc. This product can be operated using any WiFi network. A router with Internet access is required.

All information on adding products to the WiFi network can be found in their manuals.

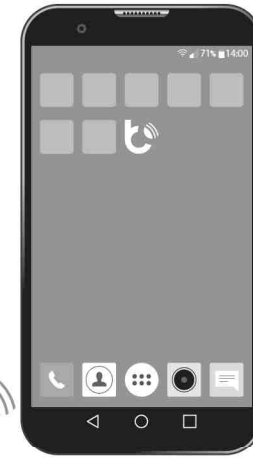
QUICK START

wBox APP DOWNLOAD

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

ANDROID

IOS



Follow the installer's instructions.

The application shortcut will be added to the home screen.

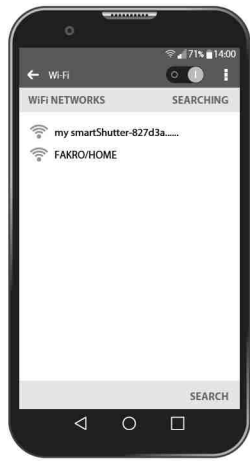
FOR INSTALLERS: Test the products on a non-logged wBox app. When testing, do not press the blue '+' button.
This generates network data and assigns the product to the user carrying out the test.

Do not allow automatic connection to the product's WiFi.

CONNECTION WITH THE PRODUCT

- Direct control
- Option to control single product

Turn on WiFi on your smartphone.



Connect to the products's network, eg my smartShade-827d3a..... or my smartAwning-827d3a.....

Run the wBox app.
Select the product from the list.

Control the product.

ADD PRODUCT TO ACCOUNT

uPORTAL

- Control via Internet

ADD PRODUCT TO APP AND WiFi NETWORK

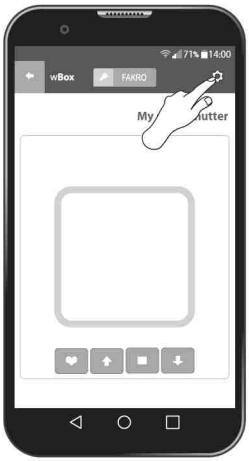
- Control via WiFi and Internet
- Option to control many products

Connect to your home Internet network. Then register or log in to uPortal. You are the product Administrator.

Connect with the products's network, eg My smartShutter.

Run wBox app. Add the product using '+' button.

Select your product from the list.



Enter settings of the selected product.

Scroll down the screen and select WiFi network tha: your product should connect to.

Control your product directly or via WiFi.

The product Administrator can grant remote access via uPortal.

Connection status can be checked in the settings in the "WiFi client status" section.

ACCESS TO PRODUCT SETTINGS

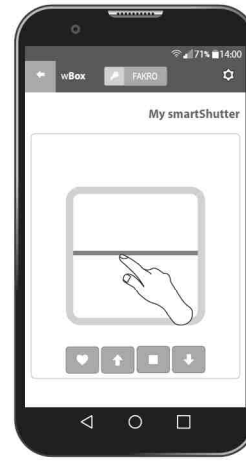
Direct access or WiFi.
Settings available.

Access through Internet.
Settings not available.

CONTROL VIA APP

Open

Close



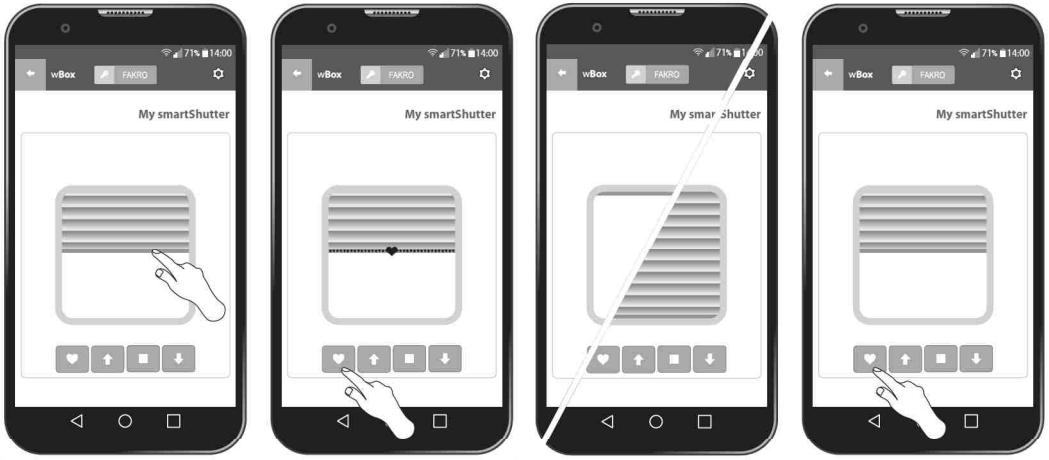
Select any position

Stop

In the event of an error, eg "motor failure", operate the product to end positions or perform calibration (page 9).

COMFORT POSITION

With this function you can save favourite position that is reached after pressing one button.



Setting a comfort position.

Running a comfort position.

Set your comfort position.	Hold the heart icon until the dashed line is in line with the current position (5 seconds).	The product is in any position.	After pressing the heart icon, the product sets the comfort position.

PRODUCT CALIBRATION

The product has been factory calibrated. If control problems occur, recalibration can be performed.
This function is not available when connecting via the Internet.

Select your product from the list.	Enter the product settings.	Scroll down the screen and run ”automatic calibration” (the process takes about 1 minute).	Once calibration is completed, a blue line appears that is used to adjust the product position.

WARRANTY

The manufacturer guarantees correct product functioning. It also undertakes to repair or replace faulty product if damage is a result of material or structural faults. The warranty period is 24 months from the date of purchase, fulfilling the following conditions:
- Installation has been performed as per manufacturer recommendations.
- Seals remain intact and no authorised structural changes have been made.
- The product has been used in accordance with its intended use as per user manual.
- Damage is not a result of improperly made electrical system or atmospheric phenomena.
- The manufacturer is not liable for damage which occurred as a result of improper use or mechanical damage.

In case of failure, the product must be submitted for repair with a Warranty Card. Defects revealed within the warranty period will be removed free of charge no longer than 14 days after accepting the product for repair. Warranty and post-warranty repairs are performed by the manufacturer i.e. FAKRO PP. Sp. z o.o.

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Quality certificate:

Product

Model

Serial number

Seller

Address

Purchase date

Invoice No.

Signature (stamp) of person installing a device