

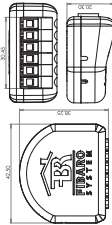


OPERATING MANUAL
FIBARO ROLLER SHUTTER 2
FGR-222-EN-A.1.2

FIBARO Roller Shutter 2 is a universal Z-Wave compatible, electric motor controller. This device allows for controlling motors of roller shutters...

I. SPECIFICATIONS

- Power supply: 110...240V AC, 50...60 Hz
Power consumption: up to 0.8 W
Operational temperature: 0...35°C
Dimensions (L x W x H): 42.5 x 36.29 x 203.2 mm
For installation in boxes: Ø 5.50 mm, depth: 60 mm
Rated load current: 4.2 A for sensors and auxiliary loads, 1.7 A for motors with compensated power factor (inductive loads)
Active element: micro-processor with relay switch
Type of supported motor: single-phase AC motors
Supported limit switches type: electronic and mechanical
Device control: remote, radio remote, identify, push buttons
Radio protocol: Z-Wave
Radio signal power: 866.4 MHz E.U., 902.4 MHz U.S., 903.4 MHz R.U.
Radio frequency: up to 50 m outdoors (depending on building materials)
Range: REZ 201450(EU), REZ 201450(US)
Comply with EU directives: REZ 201450(EU)



- Comply with FIBARO system devices or any Z-Wave controller.
• FIBARO Roller Shutter 2 is an extension unit.
• Microprocessor control.
• The device may be operated by remote control or by a push button.
• Controlled motor current and maximum power consumption measured in full load.
• Installation in well-ventilated areas.
• Installation in conformity with provisions of applicable regulations.

III. SUPPORTED LOADS

Table with 2 columns: Load type and Current. Row 1: Lamp and resistive load, 4.2 A. Row 2: Inductive load, 1.7 A.

IV. GENERAL INFORMATION ABOUT FIBARO SYSTEM

The FIBARO system consists of a central gateway and several remote control devices. The gateway is connected to the Z-Wave network...

V. ROLLER SHUTTER INSTALLATION

CAUTION: Do not connect the device to the power supply until you have read the manual. Failure to observe recommendations may lead to damage to the device.

VI. ROLLER SHUTTER WIRING



Fig. 2 Connecting Roller Shutter to GATE motor

WARNING

It is recommended to monitor regular operation of the roller shutter in all modes in case of a power outage...

NOTE

A push button connected to S1 terminal operates the roller shutter. The roller shutter will not operate if the S1 terminal is not connected to the power supply.

VI. Z-WAVE NETWORK INCLUSION

FIBARO Roller Shutter 2 is included in the Z-Wave network via the B-button or a push button connected to the S1 terminal in the roller shutter.

VII. Z-WAVE NETWORK EXCLUSION

Roller shutter is excluded from the Z-Wave network by pressing the B-button for 15 seconds.

VIII. ROLLER SHUTTER RESET

Reset procedure does the controller EPROM memory, including all parameters, to factory default settings.

CAUTION

After memory reset, the Roller Shutter 2 will not work until it is recalibrated.

IX. POSITIONING CALIBRATION

Calibration is a process during which a Roller Shutter 2 learns the position of the limit switches and a motor characteristic. Calibration must be performed after the roller shutter is installed.

ROLLER BLIND POSITIONING CALIBRATION

- 1. Make sure the roller blind is in the closed position.
2. Press and hold the B-button for 15 seconds.
3. Release the B-button and wait for the roller blind to move to the open position.

NOTE

Roller shutter calibration process may be interrupted by pressing the B-button during the calibration process.

CAUTION

Roller shutter calibration process may be interrupted by pressing the B-button during the calibration process.

X. OPERATING THROUGH THE Z-WAVE NETWORK

After including into the Z-Wave network, FIBARO Roller Shutter 2 will be controlled through the Z-Wave network.

XI. MANUAL OPERATION

FIBARO Roller Shutter 2 allows for connecting path buttons to S1 and S2 terminals. These may be normally or toggle switches.

WARNING

Roller shutter calibration process may be interrupted by pressing the B-button during the calibration process.

NOTE

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CAUTION

Roller shutter calibration process may be interrupted by pressing the B-button during the calibration process.

XII. ASSOCIATIONS

Through an association FIBARO Roller Shutter may control another Z-Wave device.

NOTE

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WARNING

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NOTE

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CAUTION

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XIII. TECHNICAL INFORMATION

FIBARO Roller Shutter 2 is a universal Z-Wave compatible, electric motor controller.

NOTE

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CAUTION

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XIV. APPENDICES

Appendix 1: Roller Shutter 2 wiring diagram.

APPENDIX 2

Appendix 2: Roller Shutter 2 technical drawing.

APPENDIX 3

Appendix 3: Roller Shutter 2 user manual.

