

Model: FGR-223 ZW5

FIBARO Roller Shutter 3 is a device designed to control roller blinds, awnings, venetian blinds, gates and other single phase, AC powered devices. Roller Shutter 3 allows for precise positioning of roller blinds or venetian blind lamellas. The device is equipped with power and energy monitoring. It allows to control connected devices either via the Z-Wave network or via a switch connected directly to it.



PRODUCT HIGHLIGHTS

- ✓ Compatible with Z-Wave and Z-Wave+ Controllers,
- ✓ Supports Z-Wave network Security Modes: S0 with AES-128 encryption and S2
- ✓ Authenticated with PRNG-based encryption,
- ✓ To be installed with roller blind motors with electronic or mechanical limit switches,
- ✓ Advanced microprocessor control,
- ✓ Active power and energy metering functionality,
- ✓ Works with various types of switches – momentary, toggle and dedicated roller blind switches,
- ✓ To be installed in wall switch boxes.

TECHNICAL DATA

Power Source	100-240V~50/60Hz
Rated load current	4.2A for lamps and resistive loads 1.7A for motors with compensated power factor (inductive loads)
Supported motor type	single-phase AC motors
Required limit switches	electronic and mechanic
Power consumption	up to 0.8W
Operating temperature	0°C - 35°C
Active element	micro-gap relay switch μ
For installation in boxes	$\varnothing \geq 50\text{mm}$, depth $\geq 60\text{mm}$
Radio protocol	Z-Wave (500 series chip)
Radio frequency	868.4 or 869.8 MHz EU 908.4, 908.42 or 916.0 MHz US 921.4 or 919.8 MHz ANZ 869.0 MHz RU
Range	up to 40m (131 ft) (depending on building structure)
Outside dimensions (L x W x H)	42.5mm x 38.25mm x 20.3mm
Compliance with EU directives	RoHS 2011/65/EU RED 2014/53/EU

PACKAGING GIFT PACK

Weight	0.061 kg
Length	6.5 cm
Width	6.5 cm
Height	4.5 cm
Pieces	1

PACKAGING INNER CARTON

Weight	2 kg
Length	33.5 cm
Width	20.0 cm
Height	9.5 cm
Pieces	30