

## Z-Wave Protocol Implementation Conformance Statement

### Roller Shutter 3

#### General Information

<b>Product Identifier:</b>	FGR-223
<b>Brand Name:</b>	FIBARO
<b>Product Version:</b>	HW: 3 FW: 5.01:05.01
<b>Z-Wave Certification #:</b>	ZC10-19046413

#### Product Features

<b>Color</b>	Black
<b>Electric Load Type</b>	Inductive (e.g. Motor)
<b>Sensors</b>	Power
<b>Supported Meter Type</b>	Electric Energy
<b>Supported Notification Types</b>	Power Management System
<b>Window Covering Control Features</b>	Automatic Calibration Manual Calibration Position Aware Supports Up/Down Motion Supports Vertical Blinds
<b>Loads Controlled</b>	2
<b>Switch Load Capacity Current</b>	4.2A for lamps and resistive loads, 1.7A for motors with compensated

#### Z-Wave Product Information

Supports Z-Wave Beaming Technology?	Yes
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	Yes
Supports Security S2?	Yes: S2 Authenticated
SmartStart Compatible?	Yes

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(Continued)

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### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	CEPT (Europe)
<b>Z-Wave Product ID:</b>	0x1000
<b>Z-Wave Product Type:</b>	0x0303
<b>Z-Wave Hardware Platform:</b>	ZM5101
<b>Z-Wave Development Kit Version:</b>	6.81.01
<b>Z-Wave Library Type:</b>	Enhanced 232 Slave
<b>Z-Wave Device Type / Role Type:</b>	Window Covering - Endpoint Aware / Always On Slave

### Association Group Information

**Group # / Max    Description**

**Nodes**

1 / 1	“Lifeline” reports the device status and allows for assigning single device only (main controller by default).
2 / 5	“Roller Shutter” is assigned to shutter position control – UP/DOWN (uses Switch Multilevel command class).
3 / 5	“Slats” is assigned to slats position control – UP/DOWN (uses Switch Multilevel command class).

**Supported Command Classes (23):**

Application Status	Association Group Information V2
Association V2	Basic
Central Scene V3	Configuration
CRC16 Encapsulation	Device Reset Locally
Firmware Update Meta-Data V4	Manufacturer Specific V2
Meter V3	Multi-Channel Association V3
Multi-Channel V4	Notification V8
Powerlevel	Protection V2
Security S0	Security S2
Supervision	Switch Multilevel V4
Transport Service V2	Version V2
Z-Wave Plus Info V2	

**Controlled Command Classes (1):**

Notification V8
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