

## 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: 5.00:05.00 |
| <b>Z-Wave Certification #:</b> | ZC10-19026371        |

#### Product Features

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

#### 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                   |

# Z-Wave Protocol Implementation Conformance Statement

(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 |
|-----------------|