

## Z-Wave Protocol Implementation Conformance Statement

### Chain actuator - window opener

#### General Information

<b>Product Identifier:</b>	ZWS12
<b>Brand Name:</b>	FAKRO
<b>Product Version:</b>	HW: 25 FW: 1.01:01.01
<b>Z-Wave Certification #:</b>	ZC10-17075693

#### Product Features

<b>Color</b>	White
<b>Sensors</b>	Rain Rate
<b>Supported Notification Types</b>	Power Management Water Alarm
<b>Window Covering Control Features</b>	Manual Calibration Position Aware Supports Up/Down Motion
<b>Switch Type</b>	Push Button with Indicator

#### 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?	No
SmartStart Compatible?	No

#### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	CEPT (Europe)
<b>Z-Wave Product ID:</b>	0x0011
<b>Z-Wave Product Type:</b>	0x0002
<b>Z-Wave Hardware Platform:</b>	ZM5202
<b>Z-Wave Development Kit Version:</b>	6.61.00

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(Continued)

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### Association Group Information

**Group # / Max    Description**

**Nodes**

- |       |   |
|-------|---|
| 1 / 1 | Life Line – group for position reporting actuator after each a stoppage and alarm reporting (overcurrent, damage encoders). This group can be a maximum 1 device.     |
| 2 / 5 | Basic Repeat – group used to transfer the received basic commands to the devices included in this group. This group can be a maximum 5 devices.                       |
| 3 / 5 | Multilevel Repeat – group used to transfer the received multilevel commands to the devices included in this group. This group can be a maximum 5 devices.             |
| 4 / 5 | Basic Rain – group used to transfer the received commands from actuator & rain detector to the devices included in this group. This group can be a maximum 5 devices. |

**Supported Command Classes (15):**

Association Group Info	Association V2
Basic	Configuration
Device Reset Locally	Manufacturer Specific V2
Node Naming	Notification V3
Powerlevel	Security S0
Switch All	Switch Binary
Switch Multilevel V3	Version V2
Z-Wave Plus Info V2	

**Controlled Command Classes (3):**

Basic	Security S0
Switch Multilevel V3	