

## Z-Wave Protocol Implementation Conformance Statement

### Wave 1PM Mini

#### General Information

<b>Product Identifier:</b>	QMSW-0A1P8EU
<b>Brand Name:</b>	Shelly Qubino
<b>Product Version:</b>	HW: 01 FW: 11.00:02.02
<b>Z-Wave Certification #:</b>	ZC14-24020399

#### Product Features

<b>Color</b>	Red
<b>Electric Load Type</b>	ELV (Electronic) Fluorescent Incandescent Inductive (e.g. Motor) LED MLV (Magnetic)
<b>Firmware Updatable</b>	Updatable by Consumer by RF
<b>Neutral Wire Required</b>	Yes
<b>Switch Load Capacity Current</b>	8 A
<b>Switch Type</b>	Toggle

#### 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, S2 Unauthenticated
SmartStart Compatible?	Yes

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(Continued)

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### Z-Wave Technical Information

<b>Z-Wave Frequency:</b>	South Africa, UAE, CEPT (Europe), Bahrain, Cyprus, Moldova, Egypt, French Guiana, Georgia, Iraq, Jordan, Kazakstan, Kuwait, Lebanon, Libya, Maldives, Mauritius, Nigeria, Oman, Philippines, Qatar, Saudi Arabia, Turkmenistan, Uzbekistan, Yemen, Armenia
<b>Z-Wave Product ID:</b>	0x0002
<b>Z-Wave Product Type:</b>	
<b>Z-Wave Hardware Platform:</b>	EFR32ZG23A
<b>Z-Wave Development Kit Version:</b>	7.19.1
<b>Z-Wave Library Type:</b>	Enhanced End Node 232
<b>Z-Wave Device Type / Role Type:</b>	Binary Switch DT / Always On End Node

### Association Group Information

**Group # / Max    Description**

**Nodes**

1 / 9

2 / 9

3 / 9

**Supported Command Classes (19):**

Association Group Information (AGI) V3	Association V2
Basic V2	Binary Switch V2
Configuration V4	Device Reset Locally
Firmware Update Meta Data V5	Indicator V3
Manufacturer Specific V2	Meter V6
Multi Channel Association V3	Notification V8
Powerlevel	Security 0
Security 2	Supervision
Transport Service V2	Version V3
Z-Wave Plus Info V2	