

## Z-Wave Protocol Implementation Conformance Statement

### Smart Plug 16A

#### General Information

<b>Product Identifier:</b>	ZMNHYD1
<b>Brand Name:</b>	QUBINO
<b>Product Version:</b>	HW: 2 FW: 3.00
<b>Z-Wave Certification #:</b>	ZC10-18116325

#### Product Features

<b>IP (Ingress Protection) Rated</b>	Yes
<b>Outdoor Use</b>	No
<b>Color</b>	White
<b>Supported Meter Type</b>	Electric Energy
<b>Firmware Updatable</b>	Updatable by Consumer via Internet
<b>Supported Notification Types</b>	Power Management
<b>Switch Load Capacity Current</b>	16
<b>Switch Load Capacity Watts</b>	3680

#### 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?	No

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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>	0x0054
<b>Z-Wave Product Type:</b>	0x0002
<b>Z-Wave Hardware Platform:</b>	ZM5101
<b>Z-Wave Development Kit Version:</b>	6.71.03
<b>Z-Wave Library Type:</b>	Enhanced 232 Slave
<b>Z-Wave Device Type / Role Type:</b>	On/Off Power Switch / Always On Slave

### Association Group Information

#### Group # / Max Description

##### Nodes

1 / 1	Lifeline - Supports the following command classes: • Device Reset Locally: triggered upon request • Meter Report: triggered according to Configuration parameters 40 and 42 • Notification Report: triggered on overload/overcurrent or according to Configuration parameters 70, 71 and 72 • Switch Binary Report: triggered upon request or according to Configuration parameters 11 and 12
2 / 5	Plug Status - Supports the following command classes: • Basic set: triggered at change of relay state
3 / 5	Plug Threshold - Supports the following command classes: • Basic set: triggered at change of active power in combination with Configuration parameters 50, 51 and 52

#### Supported Command Classes (17):

Association Group Information V2	Association V2
Basic V2	Configuration
Device Reset Locally	Firmware Update Meta-Data V4
Manufacturer Specific V2	Meter V4
Notification V5	Powerlevel
Security S0	Security S2
Supervision	Switch Binary V2
Transport Service V2	Version V2
Z-Wave Plus Info V2	

#### Controlled Command Classes (1):

Basic V2