

Z-Wave Protocol Implementation Conformance Statement

3-Phase Smart Meter

General Information

Product Identifier:	ZMNHxD1
Brand Name:	QUBINO
Product Version:	HW: 1 FW: 1.00:01.00
Z-Wave Certification #:	ZC10-19066549

Product Features

Firmware Updatable	Updatable by Consumer by RF
Switch Load Capacity Current	65
Loads Controlled	12
Switch Load Capacity Watts	14950
IP (Ingress Protection) Rated	No
Supported Meter Type	Electric Energy
Electric Load Type	Dimmable ELV (Magnetic) Dimmable Fluorescent Dimmable LED Dimmable MLV (Magnetic) ELV (Electronic) Fluorescent Incandescent Inductive (e.g. Motor) LED MLV (Magnetic)
Communications Protocol	Z-Wave Serial API
Neutral Wire Required	Yes
Switch Type	Dry Contact

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(Continued)

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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

Z-Wave Technical Information

Z-Wave Frequency:	CEPT (Europe)
Z-Wave Product ID:	0x0054
Z-Wave Product Type:	0x0007
Z-Wave Hardware Platform:	ZM5101
Z-Wave Development Kit Version:	6.71.03
Z-Wave Library Type:	Enhanced 232 Slave
Z-Wave Device Type / Role Type:	Whole Home Meter - Simple / Always On Slave

Association Group Information

Group # / Max **Description**

Nodes

1 / 1 Supports the following commands: • Device Reset Locally: triggered upon request • Meter Report: triggered according to Configuration parameters 40,42 and 43

Supported Command Classes (16):

Association Group Information V2	Association V2
Configuration	CRC16 Encapsulation
Device Reset Locally	Manufacturer Specific V2
Meter V4	Multi-Channel Association V3
Multi-Channel V4	Powerlevel
Security S0	Security S2
Supervision	Transport Service V2
Version V2	Z-Wave Plus Info V2