



Z-Wave Protocol Implementation Conformance Statement

Flush On/Off Thermostat 2

General Information

Product Identifier:	ZMNKID3
Brand Name:	QUBINO
Product Version:	HW: 1 FW: 10.00:10.00
Z-Wave Certification #:	ZC10-20036879

Product Features

Electric Load Type	Inductive (e.g. Motor)
Switch Type	Toggle
Thermostat HVAC Systems Supported	Cool Only Heat Only Simple Relay
Thermostat Power Source	Mains powered (120V/240V) Power Stealing (hard-wired 24V)
Color	Light Blue
Switch Load Capacity Current	10
Switch Load Capacity Watts	2300
Thermostat Modes	Cool Heat

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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Z-Wave Technical Information

Z-Wave Frequency:	U.S. / Canada / Mexico
Z-Wave Product ID:	0x0054
Z-Wave Product Type:	0x0005
Z-Wave Hardware Platform:	ZM5202
Z-Wave Development Kit Version:	6.81.03
Z-Wave Library Type:	Enhanced 232 Slave
Z-Wave Device Type / Role Type:	Thermostat - HVAC / Always On Slave

Association Group Information

Group # / Max Description

Nodes

1 / 5	Supports the following commands: • Device Reset Locally: triggered upon request, • Sensor multilevel report: triggered upon temperature change, • Meter report: triggered upon energy consumption change according to configuration parameters 40, 42, • Notification report: triggered upon current overload detection, • Thermostat mode: triggered upon thermostat mode change • Thermostat operating state: triggered upon thermostat operating state (Idle, Heating, Cooling)
2 / 5	Supports the following command: • Basic set: triggered by change of output Q
3 / 5	Supports the following command: • Basic set: triggered when actual temperature reaches Too High or Too Low temperature limit; Heat mode: when temperature reaches Too High Temperature Limit reports OFF (0x00), when temperature reaches Too Low Temperature Limit reports ON (0xFF). Cool mode: when temperature reaches Too High Temperature Limit reports ON (0xFF), when temperature reaches Too Low Temperature Limit reports OFF (0x00). Thermostat off mode reports OFF (0x00) on both limits reached. Hysteresis is 1°C.
4 / 5	Supports the following command: • Sensor multilevel report: triggered by change of temperature for threshold defined in configuration parameter 120

Supported Command Classes (19):

Association Group Information V3	Association V2
Basic V2	Configuration
Device Reset Locally	Manufacturer Specific V2
Meter V4	Notification V8
Powerlevel	Security S0
Security S2	Sensor Multilevel V7
Supervision	Thermostat Mode V3
Thermostat Operating State	Thermostat Setpoint V3
Transport Service V2	Version V2
Z-Wave Plus Info V2	

Controlled Command Classes (1):

Basic V2
