

Z-Wave Protocol Implementation Conformance Statement

Flush On/Off Thermostat 2

General Information

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

Product Features

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|--|--|
| 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

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|--------------------------------------|---|
| 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

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|--|-------------------------------------|
| 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):

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|----------------------------------|--------------------------|
| 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):

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| Basic V2 |
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