

Z-Wave Protocol Implementation Conformance Statement

Heatit Z-TRM2fx

General Information

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|--------------------------------|----------------------|
| Product Identifier: | Z-TRM2fx |
| Brand Name: | Heatit controls |
| Product Version: | HW: 2 FW: 3.03:03.02 |
| Z-Wave Certification #: | ZC10-18116305 |

Product Features

| | |
|--|--|
| Firmware Updatable | Updatable by Consumer by RF |
| IP (Ingress Protection) Rated | Yes |
| Switch Load Capacity Current | 13A |
| Switch Load Capacity Watts | 2900W |
| Neutral Wire Required | Yes |
| Sensors | Heat Target Temperature Voltage Water Temperature |
| Thermostat HVAC Systems Supported | Cool Only Heat Only Simple Relay |
| Thermostat Modes | Auto Away Cool Energy Save Heat Heat |
| Thermostat Power Source | Mains powered (120V/240V) |
| Supported Meter Type | Electric Energy |

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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? | No |

Z-Wave Technical Information

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|--|-------------------------------------|
| Z-Wave Frequency: | CEPT (Europe) |
| Z-Wave Product ID: | 0x0202 |
| Z-Wave Product Type: | 0x0003 |
| 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: | Thermostat - HVAC / Always On Slave |

Association Group Information

Group # / Max Description

Nodes

| | |
|-------|---|
| 1 / 8 | Association Groups (Multi Channel support): THERMOSTAT DEVICE 1 THE MAIN THERMOSTAT DEVICE Group 1 Lifeline. (Normally used by the Z-Wave Controller) Sends: - Device Reset Notifications. - Thermostat Setpoint Reports - Thermostat Mode Reports - Basic Reports - Meter Reports Max. nodes in group: 8 |
| 2 / 8 | Association Groups (Multi Channel support): MULTILEVEL SENSOR DEVICE 2 DEVICE FOR EXTERNAL ROOM TEMPERATURE SENSOR Group 1 Lifeline Max. nodes in group: 8 Group 2 Send Multilevel Sensor Reports. Max. nodes in group: 8 |
| 3 / 8 | Association Groups (Multi Channel support): MULTILEVEL SENSOR DEVICE 3 DEVICE FOR FLOOR SENSOR Group 1 Lifeline Max. nodes in group: 8 Group 2 Send Multilevel Sensor Reports. Max. nodes in group: 8 |
| 4 / 8 | Association Groups (Multi Channel support): BINARY SWITCH DEVICE 4 DEVICE FOR THE INTERNAL RELAY Group 1 Lifeline Max. nodes in group: 8 Group 2 Send Binary Switch Set commands representing the status of the internal relay. Max. nodes in group: 8 |

Supported Command Classes (21):

| | |
|------------------------------|------------------------------|
| Association Group Info | Association V2 |
| Basic V2 | Configuration V3 |
| Device Reset Locally | Firmware Update Meta-Data V4 |
| Manufacturer Specific V2 | Meter V3 |
| Multi-Channel Association V3 | Multi-Channel V4 |
| Powerlevel | Security S0 |
| Security S2 | Sensor Multilevel V5 |

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Controlled Command Classes (4):

Sensor Multilevel V5

Thermostat Mode V3

Switch Binary

Thermostat Setpoint V3