Z-Wave Protocol Implementation Conformance Statement

Heatit Z-TRM2fx

General Information

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

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:	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 Nodes	Description
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	Switch Binary
Thermostat Mode V3	Thermostat Setpoint V3