

Z-Wave Protocol Implementation Conformance Statement

Touch Panel Switch

General Information

Product Identifier:	HE-TPS05
Brand Name:	HELTUN
Product Version:	HW: 28 FW: 2.01
Z-Wave Certification #:	ZC12-20030039

Product Features

Z-Wave Scene Type	Central Scene
Switch Load Capacity Current	5x5A
Switch Type	Dry Contact
Neutral Wire Required	Yes
Firmware Updatable	Updatable by Consumer by RF

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

Z-Wave Technical Information

Z-Wave Frequency:	CEPT (Europe)
Z-Wave Product ID:	0x0003
Z-Wave Product Type:	0x0004
Z-Wave Hardware Platform:	ZGM130
Z-Wave Development Kit Version:	7.11.1
Z-Wave Library Type:	Enhanced 232 Slave
Z-Wave Device Type / Role Type:	Central Scene Device / Always On Slave

Association Group Information

Group # / Max	Description
Nodes	
1 / 1	This is the Lifeline Group 1 which sends status (lifeline) reports to the primary controller.
2 / 1	Group 2 – “Touch 1 Basic Set”: is assigned to touch N1. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
3 / 1	Group 3 – “Touch 1 Multilevel Set”: is assigned to touch N1. It sends MULTILEVEL SWITCH command class frame when touch N1 was held. Is used to send UP/DOWN command to the associated devices.
4 / 1	Group 4 – “Touch 2 Basic Set”: is assigned to touch N2. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
5 / 1	Group 5 – “Touch 2 Multilevel Set”: is assigned to touch N2. It sends MULTILEVEL SWITCH command class frame when touch N1 was held. Is used to send UP/DOWN command to the associated devices.
6 / 1	Group 4 – “Touch 3 Basic Set”: is assigned to touch N3. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
7 / 1	Group 7 – “Touch 3 Multilevel Set”: is assigned to touch N3. It sends MULTILEVEL SWITCH command class frame when touch N1 was held. Is used to send UP/DOWN command to the associated devices.
8 / 1	Group 8 – “Touch 4 Basic Set”: is assigned to touch N4. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
9 / 1	Group 9 – “Touch 4 Multilevel Set”: is assigned to touch N4. It sends MULTILEVEL SWITCH command class frame when touch N1 was held. Is used to send UP/DOWN command to the associated devices.
10 / 1	Group 10 – “Touch 5 Basic Set”: is assigned to touch N5. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
11 / 1	Group 11 – “Touch 5 Multilevel Set”: is assigned to touch N5. It sends MULTILEVEL SWITCH command class frame when touch N1 was held. Is used to send UP/DOWN command to the associated devices.
12 / 1	Group 12 – “LED 1 Basic Set”: is assigned to LED N1. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
13 / 1	Group 13 – “LED 2 Basic Set”: is assigned to LED N2. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
14 / 1	Group 14 – “LED 3 Basic Set”: is assigned to LED N3. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
15 / 1	Group 14 – “LED 4 Basic Set”: is assigned to LED N4. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
16 / 1	Group 16 – “LED 5 Basic Set”: is assigned to LED N5. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
17 / 1	Group 17 – “Relay 1 Basic Set”: is assigned to relay N1. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
18 / 1	Group 18 – “Relay 2 Basic Set”: is assigned to relay N2. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
19 / 1	Group 19 – “Relay 3 Basic Set”: is assigned to relay N3. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
20 / 1	Group 20 – “Relay 4 Basic Set”: is assigned to relay N4. Is used to send Basic Set ON (value 255) and Basic

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21 / 1 Group 21 – “Relay 5 Basic Set”: is assigned to relay N5. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.

Supported Command Classes (23):

Application Status	Association Group Information V3
Association V2	Basic V2
Central Scene V3	Clock
Configuration V4	Device Reset Locally
Firmware Update Meta-Data V5	Indicator V3
Manufacturer Specific V2	Meter V5
Multi-Channel Association V3	Multi-Channel V4
Powerlevel	Security S0
Security S2	Sensor Multilevel V11
Supervision	Switch Binary V2
Transport Service V2	Version V3
Z-Wave Plus Info V2	