

## Z-Wave Protocol Implementation Conformance Statement

### Touch Panel Switch

#### General Information

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

#### Product Features

<b>Z-Wave Scene Type</b>	Central Scene
<b>Switch Load Capacity Current</b>	5x5A
<b>Switch Type</b>	Dry Contact
<b>Neutral Wire Required</b>	Yes
<b>Firmware Updatable</b>	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

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

## Association Group Information

Group # / Max Nodes	Description
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	