

## Z-Wave Protocol Implementation Conformance Statement

### Relay Switch Quinto

#### General Information

<b>Product Identifier:</b>	HE-RS01
<b>Brand Name:</b>	HELTUN
<b>Product Version:</b>	HW: 76 FW: 1.01
<b>Z-Wave Certification #:</b>	ZC12-20040046

#### Product Features

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

#### 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>	Australia / New Zealand, China, Hong Kong, India, Israel, Japan, Russia, South Korea, U.S. / Canada / Mexico, CEPT (Europe)
<b>Z-Wave Product ID:</b>	0x0009
<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 – “External Input S1 Basic Set”: is assigned to Input S1 state and will be triggered when the button on switch connected to S1 input was pressed. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
3 / 1	Group 3 – “External Input S1 Multilevel Set”: is assigned to Input S1. It sends MULTILEVEL SWITCH command class frame when the button on switch connected to S1 input was held. Is used to send UP/DOWN command to the associated devices. The group supports one Node.
4 / 1	Group 4 – “External Input S2 Basic Set”: is assigned to Input S2 state and will be triggered when the button on switch connected to S2 input was pressed. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
5 / 1	Group 5 – “External Input S2 Multilevel Set”: is assigned to Input S2. It sends MULTILEVEL SWITCH command class frame when the button on switch connected to S2 input was held. Is used to send UP/DOWN command to the associated devices.
6 / 1	Group 6 – “External Input S3 Basic Set”: is assigned to Input S3 state and will be triggered when the button on switch connected to S3 input was pressed. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
7 / 1	Group 7 – “External Input S3 Multilevel Set”: is assigned to Input S3. It sends MULTILEVEL SWITCH command class frame when the button on switch connected to S3 input was held. Is used to send UP/DOWN command to the associated devices.
8 / 1	Group 8 – “External Input S4 Basic Set”: is assigned to Input S4 state and will be triggered when the button on switch connected to S4 input was pressed. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
9 / 1	Group 9 – “External Input S4 Multilevel Set”: is assigned to Input S4. It sends MULTILEVEL SWITCH command class frame when the button on switch connected to S4 input was held. Is used to send UP/DOWN command to the associated devices.
10 / 1	Group 10 – “External Input S5 Basic Set”: is assigned to Input S5 state and will be triggered when the button on switch connected to S5 input was pressed. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
11 / 1	Group 11 – “External Input S5 Multilevel Set”: is assigned to Input S5. It sends MULTILEVEL SWITCH command class frame when the button on switch connected to S5 input was held. Is used to send UP/DOWN command to the associated devices.
12 / 1	Group 12 – “Relay 1 Basic Set”: is assigned to relay N1 and will be triggered on the relay state change. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
13 / 1	Group 13 – “Relay 2 Basic Set”: is assigned to relay N2 and will be triggered on the relay state change. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
14 / 1	Group 14 – “Relay 3 Basic Set”: is assigned to relay N3 and will be triggered on the relay state change. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.

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- 15 / 1      Group 15 – “Relay 4 Basic Set”: is assigned to relay N4 and will be triggered on the relay state change. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.
- 16 / 1      Group 16 – “Relay 5 Basic Set”: is assigned to relay N5 and will be triggered on the relay state change. Is used to send Basic Set ON (value 255) and Basic Set OFF (value 0) commands to the associated devices.

### Supported Command Classes (22):

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	Supervision
Switch Binary V2	Transport Service V2
Version V3	Z-Wave Plus Info V2