

Z-Wave Protocol Implementation Conformance Statement

Z-Wave 230V relay module

General Information

Product Identifier:	PLHA10000
Brand Name:	ABUS
Product Version:	HW: 1 FW: 1.01:00.01
Z-Wave Certification #:	ZC10-19116788

Product Features

Color	White
Firmware Updatable	Updatable by Consumer by RF
Loads Controlled	2
Neutral Wire Required	Yes
Switch Load Capacity Watts	1000

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:	0x0005
Z-Wave Product Type:	0x0003
Z-Wave Hardware Platform:	SD3502
Z-Wave Development Kit Version:	6.81.03
Z-Wave Library Type:	Enhanced 232 Slave
Z-Wave Device Type / Role Type:	On/Off Power Switch / Always On Slave

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Association Group Information

Group # / Max Description

Nodes

1 / 5	When the device is powered for the first time, the device sends a notification report to the node of group 1. When a factory reset is performed, the device sends a Reset Locally Notification to the node of group 1. When a relay output is activated by the switch, the device sends a binary switch report to the node of group 1.
2 / 5	When key 1 is pressed, the device sends a BASIC SET command containing a value to the nodes of group 2. (If the relay output is off, the Basic Set is value=0x00, if the relay output is on, the Basic Set is value=0xFF)
3 / 5	When key 2 is pressed, the device sends a BASIC SET command containing a value to the nodes of group 3. (If the relay output is off, the Basic Set is value=0x00, if the relay output is on, the Basic Set is value=0xFF)

Supported Command Classes (18):

Association Group Info	Association V2
Basic	Configuration
Device Reset Locally	Firmware Update Meta-Data V4
Manufacturer Specific V2	Multi-Channel Association V3
Multi-Channel V4	Notification V8
Powerlevel	Security S0
Security S2	Supervision
Switch Binary	Transport Service V2
Version V3	Z-Wave Plus Info V2

Controlled Command Classes (1):

Basic