

Z-Wave Protocol Implementation Conformance Statement

Door Contact

General Information

Product Identifier:	DC-23ZW
Brand Name:	Climax Technology
Product Version:	HW: 255 FW: 2.06
Z-Wave Certification #:	ZC10-17085726

Product Features

Sensors	Open/Closed (Binary)
Supported Notification Types	Home Security
Battery Quantity	1
Color	White
Firmware Updatable	Updatable by Manufacturer
Battery Type	3V, CR123 Lithium battery

Z-Wave Product Information

Supports Z-Wave Beaming Technology?	No
Supports Z-Wave Network Security?	Yes
Supports Z-Wave AES-128 Security S0?	No
Supports Security S2?	Yes: S2 Unauthenticated
SmartStart Compatible?	No

Z-Wave Technical Information

Z-Wave Frequency:	CEPT (Europe)
Z-Wave Product ID:	0x0007
Z-Wave Product Type:	0x0001
Z-Wave Hardware Platform:	ZM5202
Z-Wave Development Kit Version:	6.71.01
Z-Wave Library Type:	Enhanced 232 Slave

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Association Group Information

Group # / Max Description

Nodes

- 1 / 1 Group 1 for "LifeLine": Notification CC,V4 (COMMAND_CLASS_NOTIFICATION) Battery CC (COMMAND_CLASS_BATTERY) Device Reset Locally CC Low Battery Report 1. When low battery voltage is detected, the Door Contact will transmit Battery command to all nodes in Group 1. 2. When the Door Contact on low battery has its battery replaced, it will transmit Battery restore command to all nodes in Group 1 Factory Reset 1. When the Door Contact is reset to factory default, it will send Device Reset Locally to all nodes in Group 1.
- 2 / 5 Group 2 for "Basic Set": Basic CC, v2 (COMMAND_CLASS_BASIC) It will transmit Door Report command FF when open and 00 when close.
- 3 / 5 Group 3 for "Notification Report": Notification CC,V4 (COMMAND_CLASS_NOTIFICATION) Trigger Report (Intrusion detected) 1. When the Door Contact is open or external device is triggered, it will transmit Notification command (Notification Type: 0x06, Event 0x16) to all nodes in Group1 and 3. Restore Report (door/window closing/external device restoring) 2. When the door/window is closing or external device restoring, it will transmit Notification command (Notification Type: 0x06, Event 0x17) to all nodes in Group1 and 3.
- 4 / 5 Group 4 for "Tamper Report": Tamper Triggered Report 1. When the Tamper is removed and triggered, it will transmit Notification command (Notification Type:0x07, Event:0x03) to all nodes in Group 1 and 3. 2. When the Tamper is restored, it will transmit Notification command (Notification Type:0x07, Event 0x00 with one parameter 0x03) to all nodes in Group 1 and 3.

Supported Command Classes (14):

Association Group Info	Association V2
Battery	Device Reset Locally
Firmware Update Meta-Data V4	Manufacturer Specific V2
Notification V8	Powerlevel
Security S2	Supervision
Transport Service V2	Version V2
Wake Up V2	Z-Wave Plus Info V2

Controlled Command Classes (1):

Basic