

1 Gang Touch Panel Switch

Introduction

Touch Switch with built-in Z-Wave™ module that can be used to connect to different devices and be controlled wirelessly.

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from any other manufacturers. It will act as repeaters regardless of vendor to increase reliability of the network.

Specifications

- EU: 230V 50Hz input, 3A max output (each channel)
- Protocol Version 7.12
- Application Version 1.02
- Manufacturer ID 04 36
- Product Type ID 00 04
- Product ID 50 01

Installation Instructions

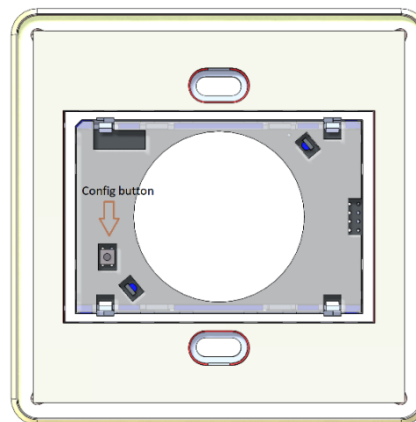
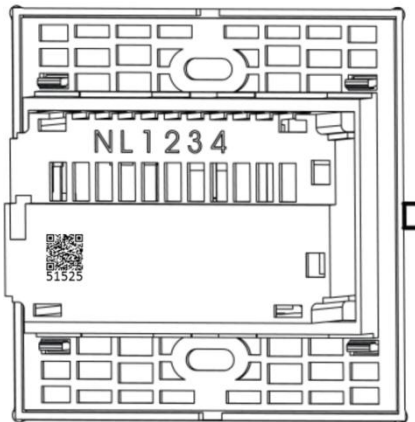
IMPORTANT:

- A qualified electrician with the understanding of wiring diagrams and knowledge of electrical safety should complete the installation inside the main circuit box (normally outside your house)
- Read all instructions and documentation and save for future reference

Step1 Preparing

CAUTION: Cut off power supply at circuit breaker or fuse before installation to avoid fire, shock or death!

Step2 Wiring



1. Connect Hot Line to “L”.
2. Connect Neutral Line to “N”.
3. Connect Load wire to “1” Terminal

Operation

ADD the Touch Panel Switch into your network

1. Put the controller into ADD device mode. Follow the instructions provided by the controller manufacturer.
2. Touch and hold any key on the panel for more than 5 seconds. All indication lights will blink in blue. At this point release the key, the touch panel will start inclusion process.

REMOVE the Touch Panel Switch from your network

1. Put the controller into REMOVE device mode. Follow the instructions provided by the controller manufacturer.
2. Touch and hold any key on the panel for more than 5 seconds. All indication lights will blink blue in color. At this point release the key, the touch panel will start exclusion process.

LOCAL RESET the Touch Panel Switch

1. Press the config button 5 times, Indication LEDs lights will blink red in color, touch panel will start local reset. Touch panel switch will erase network inclusion state after local reset.

Note: Please use this procedure only when the network primary controller is missing or otherwise inoperable.

SECURITY the Touch Panel Switch

1. Support SECURITY S2 UNAUTHENTICATED
2. Support SECURITY S2 AUTHENTICATED

SmartStart

1. Scan the QR code on your device and add the device DSK to controller
2. Power on Touch Switch

Note:

- SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR Code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in the network vicinity.
- QR code with Pin code on the backside of the product
- QR code with DSK string on the product box

Turning on/off the Touch Panel Switch

The Touch Panel Switch can be controlled by:

- Pressing any key on the Touch Panel
- Sending commands from controller or gateway
 - Binary Command Class (non-encapsulate) for root

Touch Panel Switch Status Report

- After device is included into Z-Wave network, if Z-wave controller send Association Set to association group lifeline (#1), then if any button touch is pressed, the device will send Switch Binary Report (non - encapsulate) to the destination node of lifeline group.
- If controller send Multichannel Association Set to group lifeline (#1) then the device will send Switch Binary Report (Multichannel encapsulate) of the endpoint status and Switch Binary Report (non - encapsulate) of root status to the destination node.
- For example when a button 1 is pressed, device will send state of root (send on when button that pressed is on, and send off when all button is off) and state of endpoint (encapsulate) via lifeline group.

Command Class

The Command Class that the device supports

Command Class of root device

No	Command Class	Non-secure added	Securely added	
			Non-secure CC	Secure CC
1	COMMAND_CLASS_ZWAVEPLUS_INFO_V2	Support	Support	
2	COMMAND_CLASS_VERSION_V3	Support		Support
3	COMMAND_CLASS_MANUFACTURER_SPECIFIC_V2	Support		Support
4	COMMAND_CLASS_DEVICE_RESET_LOCALLY	Support		Support
5	COMMAND_CLASS_ASSOCIATION_V2	Support		Support
6	COMMAND_CLASS_ASSOCIATION_GRP_INFO	Support		Support
7	COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION_V3	Support		Support
8	COMMAND_CLASS_BASIC_V2	Support		Support
9	COMMAND_CLASS_SWITCH_BINARY_V2	Support		Support
10	COMMAND_CLASS_FIRMWARE_UPDATE_MD_V5	Support		Support
11	COMMAND_CLASS_TRANSPORT_SERVICE_V2	Support	Support	
12	COMMAND_CLASS_SECURITY_2	Support	Support	
13	COMMAND_CLASS_SUPERVISION	Support	Support	
14	COMMAND_CLASS_POWERLEVEL	Support		Support
15	COMMAND_CLASS_INDICATOR_V3	Support		Support

Basic command class mapping

- Basic Set = 255 maps to Binary Switch Set = 255
- Basic Set = 0 maps to Binary Switch Set = 0
- Basic Get/Report maps to Binary Switch Get/Report

AGI Configuration

Table below show AGI information.

Group identifier: Association Group support is only 1.

Maximum number of devices that can be added to the group: The maximum number of node supports up to 5.

Description of how the association group is used and/or triggered by the product: This product's Association Group are used by Life Line of product.

Root	Profile	Commands	Group Name
Group 1	General: Lifeline	Device Reset Locally Switch Binary Report Indicator Report	"Lifeline"