



Philio Tech

Z-Wave Smart Dimmer Socket

SKU: PHIEPAD02



Quickstart

This is a **secure Light Dimmer Socket** for **XXXQFrequencyName**. To run this device please connect it to your mains power supply. 1. Put your Z-Wave controller into inclusion mode by following the instructions provided by the controller manufacturer. 2. Pressing Include button of PAD02 three times within 2 seconds will enter inclusion mode.

Important safety information

Please read this manual carefully. Failure to follow the recommendations in this manual may be dangerous or may violate the law. The manufacturer, importer, distributor and seller shall not be liable for any loss or damage resulting from failure to comply with the instructions in this manual or any other material. Use this equipment only for its intended purpose. Follow the disposal instructions. Do not dispose of electronic equipment or batteries in a fire or near open heat sources.

Product Description

PAD02 is an E27(EU)/ E26(US) Edison screw based lamp socket, which provides electrical connection to the E14(EU)/ E12(US) Edison screw based lamps and support it in the lighting fixture. The use of socket allows lamps to be safely and conveniently replaced. You can On/Off the light by pressing the button briefly or a long pressing to control the brightness of dimmable lightbulb. This dimmer is a transceiver which is a security enabled device which based on Z-Wave Plus technology. Z-Wave Plus enabled devices displaying the Z-Wave Plus logo can also be used with it regardless of the manufacturer and can also be used in other manufacturers Z- Wave enabled networks. Remote dim level control of the connected light is possible with other manufacturers wireless Controller. Since PAD02 supports Security Command Class, it can learn with a Secured enabled controller to fully utilize the device. Its functionality and supported command classes is identical when included as a secure and non-secure device. Adding to Z- Wave Network In the front casing, there is an on/off button with LED indicator below which is used to switch on and off, dim level, or carries out add, remove, reset or association. When first power is applied, its LED flashes on and off alternately and repeatedly at 0.5 second intervals. It implies that it has not been assigned a node ID and start auto inclusion. Auto Inclusion The function of auto inclusion will be executed as long as the dimmer does not have Node ID and just connect the dimmer to main power. Note: Auto inclusion timeout is 2 minute during which the node information of explorer frame will be emitted once every several seconds. Unlike inclusion function as shown in the table below, the execution of auto inclusion is free from pressing the On/Off button on the dimmer.

Product Usage

Manual dim level control :

To manually switch on the light, press and release the On/Off button shortly when the light is off. The light will dim from off to the level which was set before switch off. To manually switch off the light, press and release the On/Off button shortly when the light is on. To adjust the dim level, press and hold the On/Off button until the desired dim level is achieved, then release.

LED Indication

To distinguish what mode the switch is in, view from the LED for identification.

Normal - Whenever we switch On and off of the PAD02 by On/Off button or RF command, the LED will lights up when switch on; whereas LED off when switch off.

No node ID - Under normal operation, when the dimmer has not been allocated a node ID, the LED flashes on and off alternately at 2-second intervals. By pressing On/Off button, it will stop flashing temporarily.

Learning - When PAD02 is in learning mode, LED flashes on and off alternately and repeatedly at 0.5 second intervals.



Types of lamps:

Bulb E14 up to max. 15W

Dimmable LED illuminants max. 9W

Reset to factory default	1. Pressing Include button of PAD02 three times within 2 seconds will enter inclusion mode. 2. Within 1 second, press Include button of PAD02 again for 5 seconds. 3. IDs are excluded.
Inclusion	Pressing Include button of PAD02 three times within 2 seconds will enter inclusion mode.
Exclusion	Pressing Include button of PAD02 three times within 2 seconds will enter exclusion mode.
NIF	XXXNIF
Wakeup	XXXWakeupDescription
Protection	XXXProtection
FirmwareUpdate	XXXFirmwareUpdate
SetAssociation	XXXSetAssociation

Association Groups:

Group Number	Maximum Nodes	Description
1	5	Lifeline - The dimmer can be set to send reports to associated Z-Wave devices. It supports one association group with one node support for Grouping 1. For group 1, the dimmer will report ALARM_REPORT,DEVICE_RESET_LOCALLY_NOTIFICATION and MULTILEVEL_SWITCH_REPORT.
2	5	When the On/Off status changes or the dim level is achieved manually, it will send BASIC_SET command to group 2 nodes to make them unanimous.

Configuration Parameters

Parameter 1: Dimmer Level Report mode

Whenever dimmer on/off state changes, it will send MULTILEVEL_SWITCH_REPORT to the nodes of group1. The default setting is Enable the function.

Size: 1 Byte, Default Value: 1

Setting	Description
0	Disable
1	Show dimmer state

Parameter 2: LED indication mode

1. Show dimmer Stateuff1aWhen dimmer is on, LED is on. When dimmer is off, LED is off. The default setting is Show dimmer State. 2. Show Night modeuff1aWhen dimmer is on, LED is off. When dimmer is off, LED is on. 3. One flash mode : When dimmer on/off state changes, LED will light on one second and then off.

Size: 1 Byte, Default Value: 1

Setting	Description
1	Show dimmer state
2	Show night mode
3	One flash mode

Parameter 4: Restore dimmer state

Whenever the AC power return from lost, PAD02 will restore the switch state which could be Dimmer off, Last dimmer state, Dimmer on. The default setting is Last dimmer state.

Size: 1 Byte, Default Value: 1

Setting	Description
0	Dimmer off
1	Last dimmer state
2	Dimmer on

Technical Data

Dimensions	0.0680000x0.0830000x0.0270000 mm
Weight	51 gr
Hardware Platform	SD3502
EAN	4713698574406
IP Class	IP 20
Voltage	230V
Load	2A
Device Type	Light Dimmer Socket
Network Operation	Always On Slave
Z-Wave Version	6.51.09
Certification ID	ZC10-17045556
Z-Wave Product Id	0x013C.0x0005.0x0031
Z-Wave Scene Type	Scene
Color	White
Firmware Updatable	Updatable by Consumer by RF
Neutral Wire Required	ok
Frequency	Europe - 868,4 Mhz
Maximum transmission power	5 mW