DOUBLE PLUG
ZEN25

www.getzooz.com

FEATURES

• Z-Wave on/off control of 2 electrical devices
• On/off (charging/charged) reports from USB port to the hub (no Z-Wave control) - turn off the charging device for best results
• Energy monitoring for each outlet
• Smart LED indicator displays proper use and Z-Wave signal strength
• Built-in overload protection and ETL certification

SPECIFICATIONS

• Model Number: ZEN25
• Z-Wave Signal Frequency: 908.42 MHz
• Power: 120 VAC
• Maximum Load: 10 A (total across both outlets)
• Maximum Load for USB port: 2.1 A
• Range: Up to 100 feet line of sight
• Installation and Use: Indoor only

CAUTION

This is an electrical device - please use caution when installing and operating the Double Plug. Remote control of appliances may result in unintentional or automated activation of power. Do NOT use this Z-Wave device to control electric heaters or other appliances which produce the risk of fire, burns, or electrical shock when unattended.

INSTALLATION

Plug the Double Plug into any standard grounded 120 VAC receptacle. Do NOT connect any devices to the plug at this point. Click the Z-Wave button once to turn on the left outlet and double-click to turn the right outlet on. See if the LED indicators come on and off. If the LED indicators don’t light up at all, please try a different receptacle. If they’re still off, please make sure the Double Plug is on. If the problem persists, please get in touch with our support team: ask@getzooz.com

BEFORE YOU PLUG ANYTHING IN

Make sure the load you are about to connect does NOT exceed 10 A in power. This Double Plug can hold up to 10 A in total. It means that the power of all devices connected to your ZEN25s at a given time can NOT exceed 10 A. It doesn’t matter if this is just one device connected to one of the outlets or 2 small appliances plugged into both outlets. Connecting heavy duty equipment to this Double Plug will DAMAGE the device and may cause the connected appliance to malfunction.

WARNING

• This product should be installed indoors upon completion of any building renovations.
• Prior to installation, the device should be stored in a dry, dust- and-mold-free area.
• Do not install the Double Plug in a place with direct sun exposure, high temperature, or humidity.
• Keep away from chemicals, water, and dirt.
• Ensure the device is never close to any heat source or open flame to prevent fire.
• Ensure the device is connected to an electric power source that does not exceed the maximum load power.
• No part of the device may be replaced or repaired by the user.

WARRANTY

This product is covered under a 12-month limited warranty. To read the full warranty policy or file a warranty claim, please go to www.getzooz.com/warranty.

TROUBLESHOOTING

The Double Plug won’t work in your system? Try this:
1. Initiate EXCLUSION and click the Z-Wave button 3 times quickly.
2. Click the Z-Wave button 4-5 times quickly when adding it.
3. Bring the Double Plug closer to your hub, it may be out of range.
4. Double-check if the device is powered.
5. Get troubleshooting tips for your hub at www.support.getzooz.com

MANUAL INCLUSION

Put your Z-Wave hub into inclusion mode and click the Z-Wave button 3 times quickly.

OK. TO USE WITH

• Washers
• Dryers
• Refrigerators
• Electric heaters
• Fans
• Pumps
• Chargers
• Routers

WARNING

• This product may not cause harmful interference.
• This device must accept any interference received, including interference that may cause undesirable operation.

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ASSOCIATION

The Double Plug supports Group 1 for lifeline communication of on/off status to the Z-Wave gateway controller (hub). It supports Group 2 for on/off and overload notifications (BASIC_SET) to other devices in the group.

CUSTOMIZE YOUR DOUBLE PLUG

On/Off Status Recovery After Power Failure
Parameter 1: Choose the recovery state for your Double Plug’s outlets if power outage occurs.

Values: 0 – Double Plug remembers the status for each outlet prior to power outage and turns back to it (default); 1 – Double Plug automatically turns ON for each outlet once power is restored (it does not remember the status prior to power outage); 2 – Double Plug automatically turns OFF each outlet once power is restored (it does not remember the status prior to power outage); 3 – Double Plug automatically turns ON, and will turn off when the plug is OFF (default); 4 – LED indicator will display power consumption based on this setting. Default set to 10. Size: 1 byte dec.

Power Wattage Report Value Threshold
Parameter 2: Choose how you want your Double Plug to report power consumption to your hub. The number entered as value corresponds to the number of Watts the appliance needs to go over for the change to be reported. So if 5 Watts are entered by default, the Double Plug will report any change in power usage over 5 Watts for each outlet (whether it's at least 5 Watts more or 5 Watts less compared to previous report).

Values: 0 – 65535. 0 – disabled (Double Plug will not report power consumption based on this setting). Default set to 10. Size: 4 byte dec.

Power Wattage Report Frequency
Parameter 3: The number entered as value corresponds to the number of seconds. So if 30 is entered by default, the Double Plug will report power consumption (Wattage) every 30 seconds.


Energy (kWh) Report Frequency
Parameter 4: Choose how often you want your Double Plug to report voltage (W) to your controller (hub). The number entered as value corresponds to the number of seconds. So if 300 is entered by default, the Double Plug will report energy usage every 300 seconds (5 minutes).


Voltage (V) Report Frequency
Parameter 5: Choose how often you want your Double Plug to report voltage to your controller (hub). The number entered as value corresponds to the number of seconds. So if 300 is entered by default, the Double Plug will report voltage every 300 seconds (5 minutes).


Electrical Current (A) Report Frequency
Parameter 6: Choose how often you want your Double Plug to report electrical current (A) to your controller (hub). The number entered as value corresponds to the number of seconds. So if 300 is entered by default, the Double Plug will report current every 300 seconds (5 minutes).


Overload Protection
Parameter 7: Set the amp level for overload protection to kick in. The number entered as value corresponds to the total number of amps the Double Plug needs to detect across both outlets to turn off automatically and send a notification to the hub and associated devices.

Values: 1 – 10 (A). Default set to 10 A.

Size: 1 byte dec.

Auto Turn-Off Timer
Parameter 8: Use this parameter to enable or disable the auto turn-off timer for the left (CH1) outlet.

Values: 0 – timer disabled (default); 1 – timer enabled. Size: 1 byte dec.

Parameter 9: Use this parameter to set the time after which you want the device connected to the left (CH1) outlet to automatically turn off once it has been turned on. The number entered as value corresponds to the number of minutes.

Values: 0 – 65535 (minutes). Default set to 60 (minutes). Size: 4 byte dec.

Parameter 10: Enable or disable the auto turn-off timer for the right (CH2) outlet.

Values: 0 – timer disabled (default); 1 – timer enabled. Size: 1 byte dec.

Parameter 11: Set the time after which you want the device connected to the right (CH2) outlet to automatically turn off once it’s been turned on.

Values: 0 – 65535 (minutes). Default set to 60 (minutes). Size: 4 byte dec.

Auto Turn-On Timer
Parameter 12: Use this parameter to enable or disable the auto turn-on timer for the left (CH1) outlet. If this feature is enabled, the device connected to left outlet will automatically turn on after a fixed period of time from being turned off (set in parameter 11).

Values: 0 – timer disabled (default); 1 – timer enabled. Size: 1 byte dec.

Parameter 13: Use this parameter to set the time after which you want the device connected to the left (CH1) outlet to automatically turn on again after a fixed period of time from being turned off (set in parameter 11).

Values: 0 – 65535 (minutes). Default set to 60 (minutes). Size: 4 byte dec.

Manual Control
Parameter 14: Choose if you want to use the Z-Wave button on the Double Plug to turn on the outlets on or off manually or if you want to disable this function. If this parameter is set to 0 (disabled), you will only be able to turn on any of the outlets on or off remotely using your Z-Wave gateway controller.

Values: 0 – manual control disabled for both outlets; 1 – manual control enabled for both outlets (default). Size: 1 byte dec.

LED Indicator Mode
Parameter 15: Choose if you want the LED indicators next to each outlet to come on when power is on or off, or if you want to disable them.

Values: 0 – LED indicator will display power consumption whenever the plug is plugged in (LED stays on at all times, even if the plug is off); 1 – LED indicator will display power consumption whenever the device is ON and will turn off when the plug is OFF (default); 2 – LED indicator will display the level of power consumption for 5 seconds only whenever the device is turned on or off (LED indicator will stay off for most of the time); 3 – LED indicator is OFF at all times except for inclusion, exclusion, and Z-Wave range test. Size: 1 byte dec.

You can also switch between the LED indicator modes by clicking the Z-Wave button 6 times quickly.

RANGE TEST TOOL

You can easily check if the Double Plug is within your Z-Wave hub’s range: Press and hold the Z-Wave button for 6 to 8 seconds until the LED indicator turns violet. The LED indicator will then report signal strength.

Solid green = direct communication with your primary controller is stable

Flashing green = direct communication with the primary controller is established but signal is weak

Solid orange = stable communication with hub via repeaters

Flashing orange = communication with the primary controller is established via repeater but signal is weak

Solid red = communication with the primary controller has failed

Press and release the Z-Wave button to exit testing mode.

NOTE: This function may only be activated once the Double Plug has been included to a Z-Wave network.

This device requires the following command classes to be supported and recognized by your Z-Wave controller:

COMMAND_CLASS_ASSOCIATION_GRP_INFO
COMMAND_CLASS_ASSOCIATION
COMMAND_CLASS_CONFIGURATION
COMMAND_CLASS_DEVICE_RESET_LOCALLY
COMMAND_CLASS_FIRMWARE_UPDATE_MD
COMMAND_CLASS_MANUFACTURER_SPECIFIC
COMMAND_CLASS_METER
COMMAND_CLASS_MULTI_CHANNEL_ASSOCIATION
COMMAND_CLASS_MULTI_CHANNEL
COMMAND_CLASS_NOTIFICATION
COMMAND_CLASS_POWERLEVEL
COMMAND_CLASS_SECURITY_2
COMMAND_CLASS_SUPERVISION
COMMAND_CLASS_SWITCH_BINARY
COMMAND_CLASS_TRANSPORT_SERVICE
COMMAND_CLASS_VERSION
COMMAND_CLASS_ZWAVE_Plus_INFO

This product can be included and operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All batteries operated modes within the network will act as repeaters regardless of vendor to increase reliability of the network.

This product features the latest Security 2 (S2) framework to remove smart home network hacking risks.

This is an ETL certified device. ETL, just like UL, is a Nationally Recognized Testing Laboratory. The ETL mark is proof of product compliance to North American safety standards.

QUESTIONS? ask@getzooz.com