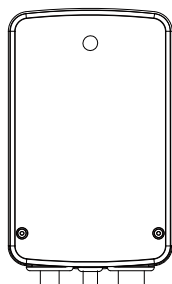


HIGH POWER RELAY  
ZEN78 800LR

ZOOZ™  
smart move



www.getzooz.com



Scan to register your product for extended warranty and direct access to firmware files.  
www.getzooz.com/register

FEATURES

- Z-Wave® on/off control of large loads up to 40A
- Great for pool pumps, electric heaters, or boilers
- Energy monitoring live and over time
- LED indicator for easier troubleshooting
- Z-Wave® Long Range for ultra reliable no-mesh communication
- NEW 800 series chip for faster performance
- Built-in overload protection and SGS certification

SPECIFICATIONS

- Model Number: ZEN78 800LR
- Z-Wave® Region: US/CA/MX
- Power: 120-240 VAC, 60 Hz
- Maximum Load: 40 A, 9600 W (resistant load)
- Standby power consumption: 1W
- Operating Temperature: 32° – 104° F
- Range: Up to 300 feet (or up to 1300 ft with ZWLR)
- Installation and Use: Indoor only (IPX3)
- Dimensions: 8.6" x 5.5" x 2"

⚠ CAUTION

This is an electrical device - please use caution when installing and operating the High Power Relay. Remote control of appliances may result in unintentional or automated activation of power.

⚡ BEFORE YOU INSTALL

This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a licensed electrician perform this installation.

This device may contain small parts which may be a choking hazard to children under 3. Keep small parts away from children.

RISK OF ELECTRIC SHOCK

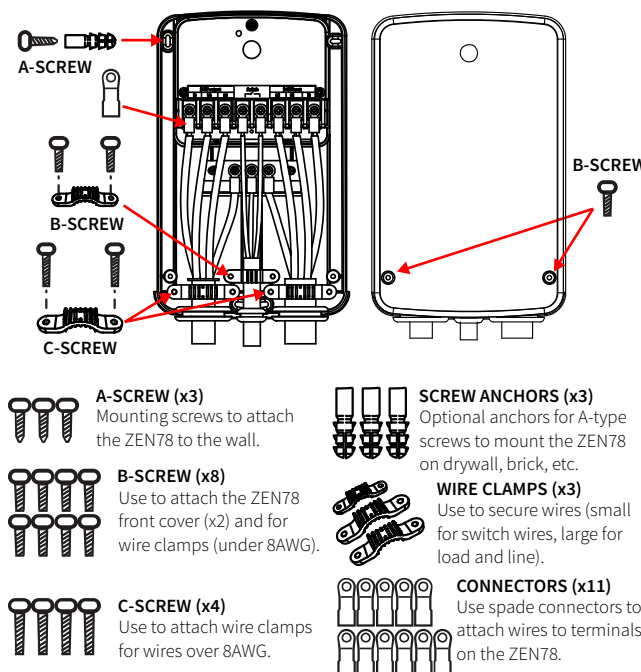
- More than one disconnect switch may be required to de-energize the equipment before servicing (Applicable to all switches without plugs and Dimmer products).
- DO NOT use this device near water and do not expose it to rain or moisture. DO NOT attempt to dry device with a hair dryer or a microwave oven.
- DO NOT attempt to take apart, open, service, or modify the product, accessories, or power supply. Doing so could present the risk of electric shock or other hazard. Any evidence of any attempt to open and/or modify this device, including any peeling, puncturing, or removal of any of the labels, will void the Limited Warranty.
- DO NOT use any device in combination with a Wall Switch - 2 controlling a receptacle (Applicable to all switches without plugs and Dimmer products).
- Turn off main power at circuit breaker before installing or repairing before installing or servicing any In-Wall series products.

AC ADAPTER SAFETY

Failure to take the following precautions can result in serious injury or death from electric shock or in damage to the device. To select an appropriate power source for your device:

- Use only the power supply unit, plug adapters, and AC power cord that came with your device or that you received from an authorized retailer.
- Do not use non-standard power sources, such as generators or inverters, even if the voltage and frequency appear acceptable. Only use AC power provided by a standard wall outlet.
- Do not overload your wall outlet, extension cord, power strip, or other electrical receptacle. Confirm that they are rated to handle the total current (in amps [A]) drawn by the device (indicated on the power supply unit) and any other devices that are on the same circuit.
- On devices where the AC prongs may be folded for storage, before plugging the AC adapter into a power outlet, make sure its prongs are fully extended.
- On devices where the AC prongs are removable and where the power supply uses a universal adapter, before plugging the AC adapter into a power outlet, make sure the prong assembly is of the proper configuration for the power outlet and fully seated into the adapter.

HARDWARE GUIDE



INSTALLATION

1. Turn the power off at the breaker.
2. Mount the High Power Relay at your chosen location, ensuring easy access to existing wires.
3. Lift off the front cover of the device (NOTE: cover screws are not pre-installed, they are provided in bag B with the screw accessories).
4. Carefully remove the wires from the load or disconnecter.
5. Strip insulation on wires as needed. For stranded wires, use the included spade connectors for a secure connection. Feed wires through the relay's seal plugs.
6. Make electrical connections. Refer to the appropriate wiring diagram for power, load, and optional external switch connections. Loosen the relay terminal screws, insert the wires, and tighten securely.
7. Double check that all connections are firm and all terminals are fully tightened.
8. Use the included wire clamps to secure wiring inside the relay housing.

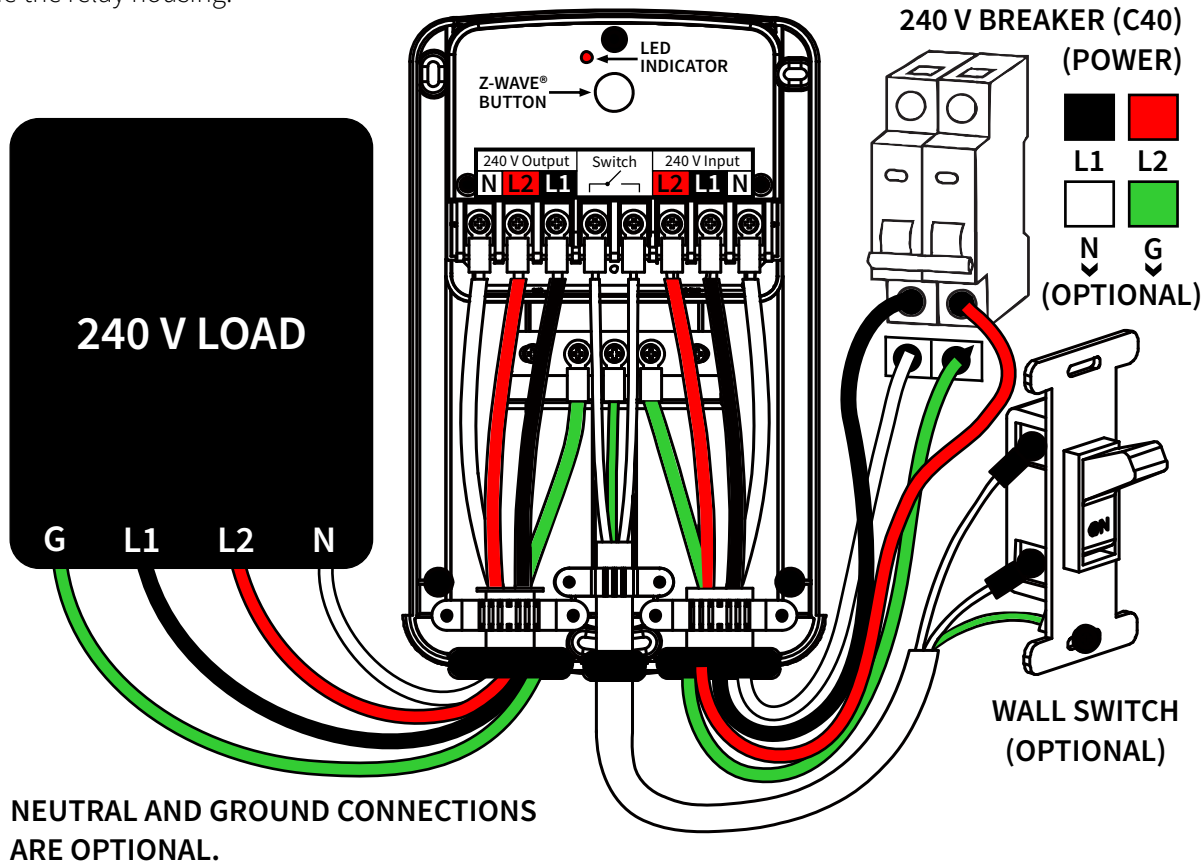
9. Close the cover, then attach and tighten the front cover (type B) screws.
  10. Restore power to the circuit and test the device.
- The LED indicator on the ZEN78 will pulse red when power is restored. The easiest way to test the device is to click the Z-Wave® button on the ZEN78 - the connected load will change its status (turn on or off) when the Z-Wave® button is clicked.

Troubleshooting:

If the device doesn't power on, please turn off the breaker and make sure there are no loose connections. Double check you followed the correct diagram for your installation.



Scan this QR code to access more wiring diagrams.

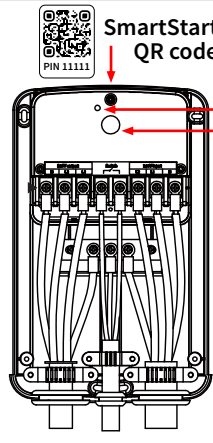


Z-WAVE® CONTROL

There are 2 ways to ADD THE RELAY TO YOUR HUB:

**SmartStart:** use the hub UI / app to scan the SmartStart code on the device. The SmartStart QR code and security PIN are located on top of the relay’s cover so you can easily scan the code when the device is mounted. Simply power the device for SmartStart inclusion, it will be added automatically. If using SmartThings, you may need to tap the Z-Wave® button on the relay 3 times quickly to complete the inclusion process. **See below for QR codes to hub-specific instructions.**

**Manual inclusion:** initiate inclusion (pairing) in the app or hub UI. Make sure the device is powered and finalize the inclusion at the relay: tap the Z-Wave® button on the device 3 times quickly.



**SmartStart (SCAN TO ADD DEVICE) QR code**

**TAP x3 TO ADD / REMOVE Z-Wave® button**

**LED Indicator**

**The LED indicator will blink red to signal communication and turn solid red for 2 seconds if inclusion is successful. The LED will blink and stay solid red. It will go back to pulsing red after 30 seconds of flashing if the pairing attempt fails.**

Choose your hub and scan the QR code with your phone’s camera. Then click on the link to access the step-by-step pairing instructions.



**Z-Bbox Hub**

**SmartThings**

**Hubitat**

**Home Assistant**

Get more tutorials and helpful tips at [www.support.getzooz.com](http://www.support.getzooz.com)

TROUBLESHOOTING

**The Relay won’t add to your hub? Try this:**

1. Initiate **EXCLUSION** and click the Z-Wave® button 3 times quickly.
2. Click the Z-Wave® button **3 times as quickly as possible to add** or try it in a **non-secure** mode.
3. Bring the Relay **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](http://www.support.getzooz.com)

EXCLUSION (REMOVING / UNPAIRING DEVICE)

1. Bring the High Power Relay within direct **range** of your Z-Wave® gateway (hub).
2. Put the Z-Wave® hub into **exclusion** mode (not sure how to do that? ask@getzooz.com).
3. Click the **Z-Wave® button 3 times** quickly.
4. Your hub will confirm exclusion and the Relay will disappear from your controller's device list.

ADVANCED SETTINGS

Please refer to your controller's user guide for advanced programming instructions as they are a little different for every software. **Not sure where to start? Go to [www.support.getzooz.com](http://www.support.getzooz.com) or scan one of the QR codes on page 4 for detailed instructions how to change settings on Z-Bbox, SmartThings, and more.**


ASSOCIATION

The Switch supports Group 1 with up to 5 devices for Lifeline communication. This device will send Basic Set and Switch Binary Set commands to devices associated in Group 2 when it changes status. It will send Basic Set ON to Group 3 and Basic Set OFF commands to Group 4 when overheat alarm is triggered. It will send Basic Set ON to Group 5 and Basic Set OFF commands to Group 6 when overheat alarm is cleared. It will send Basic Set ON to Group 7 and Basic Set OFF commands to Group 8 when freeze alarm is triggered. It will send Basic Set ON to Group 9 and Basic Set OFF commands to Group 10 when freeze alarm is cleared. It will send Basic Set and Switch Binary Set commands to devices associated in Group 11 when the external switch changes status.

CUSTOMIZE YOUR HIGH POWER RELAY

If your hub gives you access to advanced settings (parameters) of Z-Wave® devices, you can customize how often the relay reports energy back to the system, the on/off status after power failure, auto on/off timers, and more.

**Scan the QR code and click on the link for a full list of ZEN78 parameters.**



Look for how to access them on your hub on page 4.

Choose your hub and scan the QR code with your phone’s camera. Then click on the link to learn how to access and change the advanced settings for the device on your hub.



**Z-Bbox Hub**

**SmartThings**

**Hubitat**

**Home Assistant**

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FACTORY RESET

When your network’s primary controller is missing or otherwise inoperable, you may need to reset the device to factory settings manually. In order to complete the process, power the ZEN78 Relay, then **click the Z-Wave® button once and immediately after, press and hold the button for 20 seconds**. The LED indicator will flash for 20 seconds and turn solid red for 2 seconds to indicate successful reset. All previously recorded activity and custom settings will be erased from the device’s memory.



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 non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. This is an SGS certified device. SGS, like ETL or UL, is a Nationally Recognized Testing Laboratory. The SGS mark is proof of product compliance to North American safety standards.

COMMAND CLASSES

ZWAVEPLUS_INFO V2	POWERLEVEL V1
ASSOCIATION V2	SWITCH_BINARY V2
ASSOCIATION_GROUP_INFO V3	CONFIGURATION V4
TRANSPORT_SERVICE V2	CRC_16_ENCAP V1
VERSION V3	SECURITY_2 V1
METER V6	APPLICATION_STATUS V1
SENSOR_MULTILEVEL V11	SUPERVISION V1
MANUFACTURER_SPECIFIC V2	FIRMWARE_UPDATE_MD V5
DEVICE_RESET_LOCALLY V1	NOTIFICATION V8
INDICATOR V3	CENTRAL_SCENE V3

⚠️ WIRE AND CORD SAFETY

Arrange all wires and cords so that people and pets are not likely to trip over or accidentally pull on them as they move around or walk through the area. Do not allow children to play with cables, wires, and cords. To avoid damaging the power cords and power supply:

- Protect the power cords from being walked on.
- Protect cords from being pinched or sharply bent, particularly where they connect to the power outlet, the power supply unit, and the device.
- Do not jerk, knot, sharply bend, or otherwise abuse the power cords.
- Do not expose the power cords to sources of heat.
- Keep children and pets away from the power cords. Do not allow them to bite or chew on them.
- When disconnecting the power cords, pull on the plug—do not pull on the cord.
- If a power cord or power supply becomes damaged in any way, stop using it immediately.
- Unplug your device during lightning storms or when unused for long periods of time.
- For devices with an AC power cord that connects to the power supply, always connect the power cord according to the following instructions:  
Step 1: Plug the AC power cord into the power supply until it seats fully.  
Step 2: Plug the other end of the AC power cord into the wall outlet.

WARRANTY

This product is covered under a 12-month warranty and under a 5-year limited warranty if registered within 30 days of purchase. To read the full warranty policy or file a warranty claim, visit [www.getzooz.com/warranty](http://www.getzooz.com/warranty)

IN NO EVENT SHALL ZOOZ OR ITS SUBSIDIARIES AND AFFILIATES BE LIABLE FOR ANY INDIRECT, INCIDENTAL, PUNITIVE, SPECIAL, OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOSS OF PROFITS, REVENUE, OR USE INCURRED BY CUSTOMER OR ANY THIRD PARTY, WHETHER IN AN ACTION IN CONTRACT, OR OTHERWISE EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. ZOOZ’S LIABILITY AND CUSTOMER’S EXCLUSIVE REMEDY FOR ANY CAUSE OF ACTION ARISING IN CONNECTION WITH THIS AGREEMENT OR THE SALE OR USE OF THE PRODUCTS, WHETHER BASED ON NEGLIGENCE, STRICT LIABILITY, BREACH OF WARRANTY, BREACH OF AGREEMENT, OR EQUITABLE PRINCIPLES, IS EXPRESSLY LIMITED TO, AT ZOOZ’S OPTION, REPLACEMENT OF, OR REPAYMENT OF THE PURCHASE PRICE FOR THAT PORTION OF PRODUCTS WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. ALL CLAIMS OF ANY KIND ARISING IN CONNECTION WITH THIS AGREEMENT OR THE SALE OR USE OF PRODUCTS SHALL BE DEEMED WAIVED UNLESS MADE IN WRITING WITHIN THIRTY (30) DAYS FROM ZOOZ’S DELIVERY, OR THE DATE FIXED FOR DELIVERY IN THE EVENT OF NONDELIVERY.

FCC NOTE  
THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER’S AUTHORITY TO OPERATE THE EQUIPMENT. STORE Indoors WHEN NOT IN USE. SUITABLE FOR DRY LOCATIONS ONLY. DO NOT IMMERSE IN WATER. NOT FOR USE WHERE DIRECTLY EXPOSED TO WATER. This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions:  
1. This device may not cause harmful interference,  
2. This device must accept any interference received, including interference that may cause undesired operation.  
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used according to instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in any given installation. If this equipment causes harmful interference to radio or television reception, the user may try to correct the interference by taking one or more of the following measures:  
- Reorient or relocate receiving antenna  
- Increase the separation between equipment and receiver  
- Connect equipment into a separate outlet or circuit from receiver  
- Consult the dealer or an experienced radio/TV technician for additional assistance

This Class B digital apparatus complies with Canadian ICES-003. This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. RF warning statement: The device has been evaluated to meet general RF exposure requirement. To maintain compliance with RSS-102 — Radio Frequency (RF) Exposure guidelines, this equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. le dispositif de a été évalué à répondre général rf exposition exigence. pour maintenir la conformité avec les directives d'exposition du RSS-102 - Radio Fréquence (RF), ce matériel doit être installé et exploité à une distance minimale de 20 cm entre le radiateur et votre corps.

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Parameter no.	Size (bytes)	Range	Default value	Values	Label	Short Description	Full Description
1	1	2~5	2	2-5 (seconds)	Overload Protection Delay	Decide when overload protection kicks in. If power draw exceeds 40.5 A for x amount of seconds, the relay will automatically turn off.	Decide when overload protection kicks in. If power draw exceeds 40.5 A for 2 seconds for example, the relay will automatically turn off after it continuously detects over 40.5 A for 2 seconds. It will also send a notification report to the hub (association group 1).
2	1	0/1/2	0	0 – remembers and restores status 1 – always on once restored 2 – always off once restored	On/Off Status After Power Failure	Choose the recovery state for your relay if power outage occurs.	Choose the recovery state for your relay if power outage occurs.
3	1	0/1/2/3/4	1	0 – no reports 1 – Basic Report if status changed manually or via Z-Wave 2 – Basic Report only if status changed manually from the button 3 – Binary Switch Report if status changed manually or via Z-Wave 4 – Binary Switch Report only if status changed manually from the button	On/Off Status Reports	Choose what type of reports (basic or binary switch) you want the device to send to the hub.	Choose what type of reports (basic or binary switch) you want the device to send to the hub.
4	2	0~65535	10	0 – trigger disabled 1 – 65535	Watt Report Threshold	Choose when the relay will report Watts to your hub. Value 1 = 1 Watt change.	Choose how you want your relay 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 10 Watts are entered by default, the relay will report any change in power usage over 10 Watts (whether it's at least 10 Watts more or 10 Watts less compared to the previous report).
5	4	0/1~2678400	300	0 – reports disabled 1 – 2678400 (seconds)	Watt Report Frequency	Decide how often the relay will report Watt data to the hub (in second intervals).	Choose how often you want your relay to report power consumption (W) to your hub. The number entered as value corresponds to the number of seconds. So if 300 is entered by default, the relay will report power consumption every 300 seconds (5 minutes).
6	4	0/1~2678400	300	0 – reports disabled 1 – 2678400 (seconds)	kWh Report Frequency	Decide how often the relay will report kWh data to the hub (in second intervals).	Choose how often you want your relay to report energy usage (kWh) to your controller and associated device. The number entered as value corresponds to the number of seconds. So if 300 is entered by default, the relay will report energy usage every 300 seconds (5 minutes).
7	1	0~255	10	0 – trigger disabled 1 – 255 (Volts)	Volt Report Threshold	Choose when the relay will report Volts to your hub. Value 1 = 1 V and value 10 = 10 V change.	Choose how you want your relay to report Voltage to your hub. The number entered as value corresponds to the number of Volts the appliance needs to go over for the change to be reported. Value 1 equals 1 V and value 10 equals 10 V. So if 10 is entered by default, the relay will report any change in Voltage over 10 V (whether it's at least 10 V more or
8	4	0/1~2678400	300	0 – reports disabled 1 – 2678400 (seconds)	Volt Report Frequency	Decide how often the relay will report Volt data to the hub (in second intervals).	Choose how often you want your relay to report voltage (V) to your hub. The number entered as value corresponds to the number of seconds.
9	2	0~65535	1000	0 – trigger disabled 1 – 65535 (1 = 0.001A and 1000 = 1A)	Amp Report Threshold	Choose when the relay will report Amps to your hub. Value 1 = 0.001 A and value 1000 = 1 A change.	Choose how you want your relay to report electrical current (Amps) to your hub. The number entered as value corresponds to the number of Amps the appliance needs to go over for the change to be reported. Value 1 equals 0.001 A and value 1000 equals 1 A. So if 1000 is entered by default, the relay will report any change in electrical current over 1 Amps (whether it's at least 1 A more or 1 A less compared to the previous report).
10	4	0/5~2678400	300	0 – reports disabled 5 – 2678400 (seconds)	Amp Report Frequency	Decide how often the relay will report Amp data to the hub (in second intervals).	Choose how often you want your relay to report levels of electrical current (A) to your controller and associated device. The number entered as value corresponds to the number of seconds. So if 300 is entered by default, the relay will report electrical current consumption every 5 minutes.
11	1	0/1	1	0 – manual control disabled 1 – manual control enabled	Disable Manual Control	Disable or enable manual control (turning the relay on and off using the physical button).	Disable or enable manual control (turning the relay on and off using the physical button).

12	1	0/1	1	0 – Z-Wave control disabled 1 – Z-Wave control enabled	Disable Z-Wave Control	Ignore Z-Wave on/off commands sent from the hub to the relay. Turn it on or off only from the physical button on the device.	Ignore Z-Wave on/off commands sent from the hub to the relay. Turn it on or off only from the physical button on the device.
13	4	0~65535	0	0 – timer disabled 1-65535 (minutes)	Auto-off Timer	Auto-off timer will automatically turn the relay off after x minutes once it has been turned on.	Use this parameter to set the auto turn-off timer: the time after which you want the relay to automatically turn off once it has been turned on. The number entered as value corresponds to the number of minutes.
14	4	0~65535	0	0 – timer disabled 1-65535 (minutes)	Auto-on Timer	Auto-on timer will automatically turn the relay on after x minutes once it has been turned off.	Use this parameter to set the auto turn-on timer: the time after which you want the relay to automatically turn on once it has been turned off. The number entered as value corresponds to the number of minutes.
15	1	0/1/2/3	1	0 – LED on when relay on, LED off when relay off 1 – LED on when relay off, LED off when relay on 2 – LED always off 3 – LED always on	LED Indicator Behavior	Decide when the LED indicator is on or off.	Decide when the LED indicator is on or off.
16	2	0~600	0	0 – no delay 1~600 (seconds)	Turn On Delay After Power Outage	Disable or set the delay for the automatic turn on after the relay was turned off due to power outage.	Disable or set the delay for the automatic turn on after the relay was turned off due to power outage. Value 0 disables the delay, not the turn-on function. Use this setting only if parameter 2 is set to value 1.
17	2	0/10~65535	0	0 – auto-turn on disabled 1-9 – maps to value 10 10~65535 (seconds)	Auto Turn On After Overload	Disable or set the delay for the automatic turn on after the relay was turned off due to overload protection.	Disable or set the delay for the automatic turn on after the relay was turned off due to overload protection. If this setting is disabled, the relay will remain off after shutting down due to overload.
18	1	0/1	1	0 – Celsius 1 – Fahrenheit	Temperature Reporting Unit	Decide whether you'd like the relay to report temperature in Fahrenheit or Celsius. Check your hub's temperature scale settings too.	Decide whether you'd like the relay to report temperature in Fahrenheit or Celsius. Remember that this setting may be overwritten by the location settings in your Z-Wave hub so check these as well.
19	1	0~100	10	0 – trigger disabled 1-100 (10 = 1 degree Fahrenheit)	Temperature Reporting Threshold	Set the reporting threshold for the temperature sensor. Value 10 = 1 degree Fahrenheit change.	Set the reporting threshold for the temperature sensor. The device will report any changes in temperature once the reading exceeds the value from this setting compared to the last report. Value 10 = 1 degree Fahrenheit change.



20	4	0~28800	14400	0 – trigger disabled 1-28800 (seconds)	Temperature Reporting Frequency	Set the reporting frequency for the temperature sensor (in seconds).	Set the reporting frequency for the temperature sensor. The device will report a new temperature reading at least as often as set in this parameter, regardless of the temperature reporting threshold setting.
21	1	50~130	100	50-130 (degrees Fahrenheit)	Heat Alert Level (Fahrenheit)	Set the temperature level for a heat alert notification to be sent to your hub and associated devices (this setting is for Fahrenheit units).	Set the temperature level for a heat alert notification to be sent to your hub and associated devices (this setting is for Fahrenheit units).
22	1	0~49	10	0-49 (degrees Fahrenheit)	Freeze Alert Level (Fahrenheit)	Set the temperature level for a freeze alert notification to be sent to your hub and associated devices (this setting is for Fahrenheit units).	Set the temperature level for a freeze alert notification to be sent to your hub and associated devices (this setting is for Fahrenheit units).
23	1	10~55	38	10-55 (degrees Celsius)	Heat Alert Level (Celsius)	Set the temperature level for a heat alert notification to be sent to your hub and associated devices (this setting is for Celsius units).	Set the temperature level for a heat alert notification to be sent to your hub and associated devices (this setting is for Celsius units).
24	1	- 18~10	-12	- 18-10	Freeze Alert Level (Celsius)	Set the temperature level for a freeze alert notification to be sent to your hub and associated devices (this setting is for Celsius units).	Set the temperature level for a freeze alert notification to be sent to your hub and associated devices (this setting is for Celsius units).
25	1	0/1/2	2	0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 3, and Basic Set Off to the devices associated in Group 4.	Heat Alert Notification	Decide if and how the temperature sensor should report a heat alert. See manual for details.	Decide if and how the temperature sensor should report a heat alert. Values: 0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 3, and Basic Set Off to the devices associated in Group 4.
26	1	0/1/2	2	0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 7, and Basic Set Off to the devices associated in Group 8.	Freeze Alert Notification	Decide if and how the temperature sensor should report a freeze alert. See manual for details.	Decide if and how the temperature sensor should report a freeze alert. Values: 0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 7, and Basic Set Off to the devices associated in Group 8.
27	1	0/1/2	2	0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 5, and Basic Set Off to the devices associated in Group 6.	Heat Alert Cleared Notification	Decide if and how the temperature sensor should report a cleared heat alert. See manual for details.	Decide if and how the temperature sensor should report a cleared heat alert. Values: 0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 5, and Basic Set Off to the devices associated in Group 6.
28	1	0/1/2	2	0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 9, and Basic Set Off to the devices associated in Group 10.	Freeze Alert Cleared Notification	Decide if and how the temperature sensor should report a cleared freeze alert. See manual for details.	Decide if and how the temperature sensor should report a cleared freeze alert. Values: 0 – no notifications sent to the hub or association groups 1 – notification sent to the hub only 2 – notification sent to the hub (lifeline), Basic Set On to the devices associated in Group 9, and Basic Set Off to the devices associated in Group 10.
29	1	0/1/2/3	0	0 – automatic detection 1 – toggle switch (state changes whenever the switch is toggled) 2 – momentary push button 3 – toggle switch (light on when the switch is toggled up, light off when the switch is toggled down)	Input Type	Choose the wall switch type you want to connect to the relay. See manual for details.	Choose the wall switch type you want to connect to the relay.  0 – automatic detection 1 – toggle switch (state changes whenever the switch is toggled) 2 – momentary push button 3 – toggle switch (light on when the switch is toggled up, light off when the switch is toggled down)
30	1	0/1	1	0 – Input trigger disabled 1 – Input trigger enabled	Input Trigger	Choose whether the input (wall switch) on the ZEN78 triggers the output (load) or just sends input reports for monitoring, keeping output separate.	Choose if you'd like the connected input (wall switch) to trigger the load connected to the relay or if you want to use the input reports for monitoring only and separate the output from the input.
31	1	0/1	0	0 – Basic set reports to Association Group 11 when input (switch) is triggered 1 – Binary switch reports to Association Group 11 when input (switch) is triggered	Input Report Type	Choose status change reports to be sent from the input (wall switch) to devices associated in Group 11. See manual for details.	Choose status change reports to be sent from the input (wall switch) to devices associated in Group 11. Values: 0 – Basic set reports to Association Group 11 when input (switch) is triggered 1 – Binary switch reports to Association Group 11 when input (switch) is triggered