

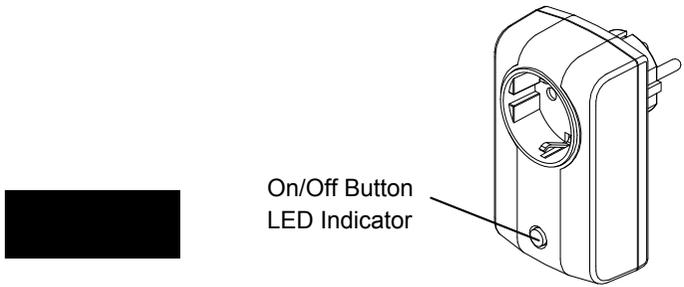
AN157 ON/OFF MODULE

This AN157 plug-in ON/OFF Module is a transceiver which is a Z-Wave™ enabled device and is fully compatible with any Z-Wave™ enabled network. Z-Wave™ enabled devices displaying the Z-Wave™ logo can also be used with it regardless of the manufacturer, and ours can also be used in other manufacturer's Z-Wave™ enabled networks. Remote On/Off control of the connected load is possible with other manufacturer's Wireless Controller. Each module is designed to act as a repeater. Repeaters will re-transmit the RF signal to ensure that the signal is received by its intended destination by routing the signal around obstacles and radio dead spots. The AN157 plug-in ON/OFF Module is compatible with our Motion Detectors SP103 and Door/Window Detectors SM103.

Include to or Exclude from a Z-Wave™ Network

In the front casing, there is an On/Off button with LED indicator which is used to carry out inclusion, exclusion, reset or association. Toggle On/Off button between On and Off. When first power is applied, its LED flashes on and off alternately and repeatedly at 2-second intervals. It implies that it has not been assigned a node ID and cannot work with Z-Wave enabled devices. Please get familiar with the terms below before starting the operations.

Function	Description
Inclusion	Add a Z-Wave enabled device (e.g. On/Off Module) to Z-Wave network.
Exclusion	Delete a Z-Wave enabled device (e.g. On/Off Module) from the network.
Association	After inclusion, you have to define the relationship between devices. Through association, device can be assigned as master/slave, and specify which slave is going to be controlled by which master.
Reset	Restore On/Off Module to factory default.



Installation

1. Plug this On/Off Module into a wall outlet near the load to be controlled.
2. Plug the load into the Module. Make sure the load to be controlled cannot exceed 2990/3500 watts.
3. Press the button or switch on the load to the ON position.
4. To manually turn ON the Module, press and release the On/Off button. The LED will turn ON, and the load plugged into the Module will also turn ON.
5. To manually turn OFF the Module, simply press and release the On/Off button. The LED will turn OFF and the load plugged into the Module will also turn OFF.
6. If Motion Detector SP103 or Door/Window Detector SM103 has been removed from the wall by triggering the tamper switch, the Detector (SP103 or SM103) will send an alarm command (**ALARM_REPORT, Alarm Type == 0x01, Alarm Level == 0x11**) to the Module, of which LED and the load plugged into the Module will be on and off intermittently for 10 seconds.

Note: When putting Motion Detector or Door/Window Detector in use, do not connect the load belongs to motor or electronic transformers, as the load would be impaired.

Programming

- The On/Off button allows the user
- Turn on or off the load attached
 - Include or exclude the Module from the Z-Wave™ system
 - Control other Z-Wave™ enabled devices

See the instructions for SP103 Motion Detector or SM103 Door/Window Detector.

Troubleshooting

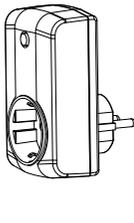
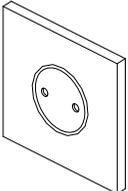
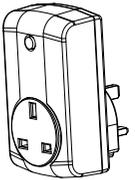
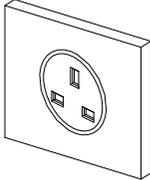
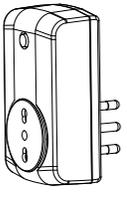
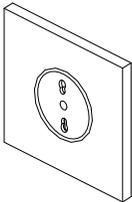
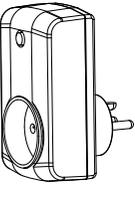
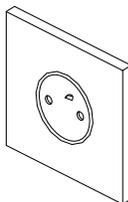
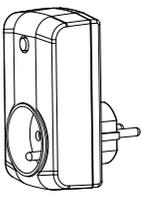
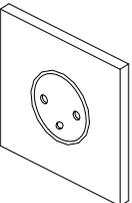
Symptom	Cause of Failure	Recommendation
The Module not working and LED off	<ol style="list-style-type: none"> 1. The Module is not plugged into the electrical outlet properly 2. The Module is out of order 	<ol style="list-style-type: none"> 1. Check power connections 2. Don't open up the Module and send it for repair.

Troubleshooting (Cont.)

Symptom	Cause of Failure	Recommendation
The Module LED illuminating, but cannot control the ON/OFF Switch of the load attached	Check if the load plugged into the Module has its own ON/OFF switch	Set the ON/OFF switch of the load attached to ON
The Module LED illuminating, but the Detector cannot control the Module	1. Not carry out association 2. Frequency interference	1. Carry out association 2. Wait for a while to re-try

Socket Type

Since the socket type for each country in Europe varies, refer to the outline for each socket suited for each country as follows:

AN157-2	Germany	AN157-3	U.K.
			
AN157-4	Italy	AN157-5	Denmark
			
AN157-6	France		
			

Specification

Operating Voltage	230V/50Hz
Maximum Load	2990W for UK, Denmark; 3500W for Germany, Italy and France
Range	Minimum 30 m line of sight
Frequency Range	868.42 MHz

** Specifications are subject to change and improvement without notice.

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Warning:

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.

When replacing old appliances with new ones, the retailer is legally obligated to take back your old appliance for disposal at least for free of charge.