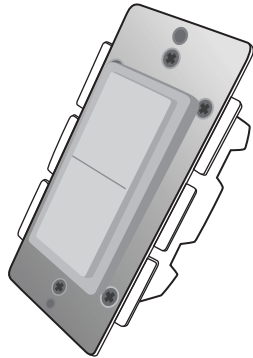


# WA-100

## 3 Way Auxiliary Switch



### INTRODUCTION

This switch is intended to be used only with Z-Wave Products Z-Wave certified In-Wall units such as WS-100 and WD-100 modules and any 3 way switches in a home. Basic connection is made by a hard wire between the 2 Traveler terminals. Up to 3 units of WA-100 can be added to a particular light switch to form up to a 5-way association. The WA-100 carries no live (Line) power and it's not transmitting or receiving any RF signal.

### ! WARNING

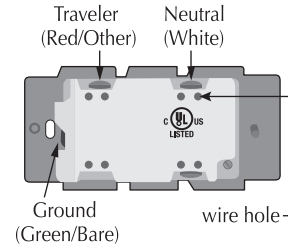
RISK OF FIRE, ELECTRICAL SHOCK & BURNS

DO NOT USE WITH MEDICAL AND LIFE SUPPORT INSTRUMENT

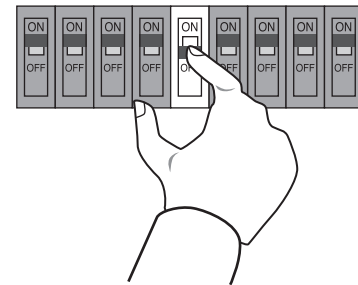
No user serviceable parts are in this module

### SETUP

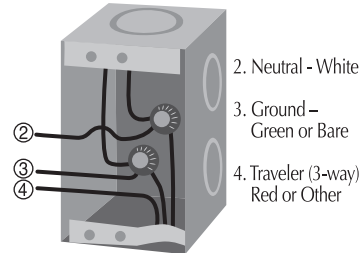
**Step 1** Identifying the wiring terminals on the module



**Step 2** **WARNING ! RISK OF SHOCK !** Make sure power is OFF before wiring !



**Step 3** Remove the wall plate and the existing switch(if mounted) at your preferred installation location. You should label the wires connected to the screw terminals before disconnecting the switch. Please check that the wiring configuration below is present in the wall switch box, otherwise consult a qualified electrician.

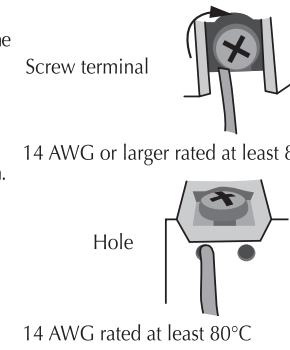


### Wiring Information

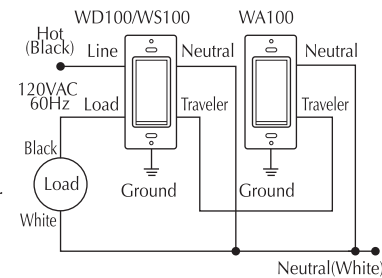
Use copper wires only

UL specification: the tightening torque for the screws is 14 Kgf-cm (12 lbf-in)  
Strip insulation 5/8" (16mm)

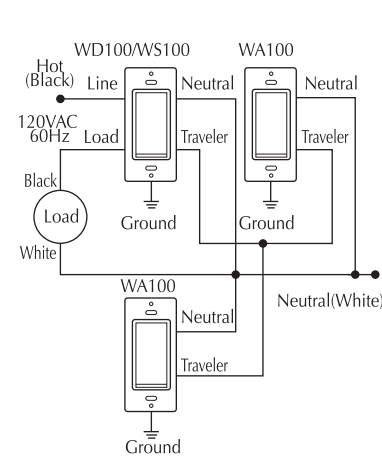
Wire connection can be made either to



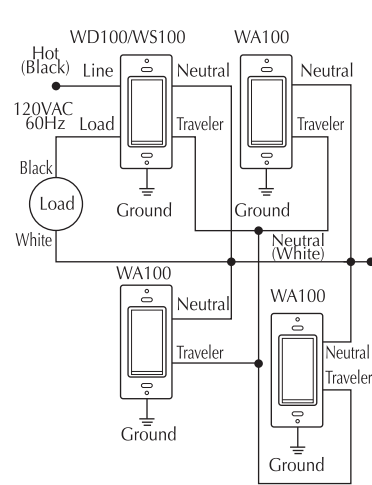
### 3-way circuit



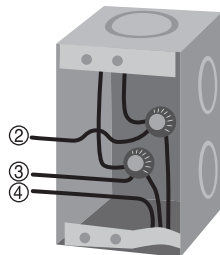
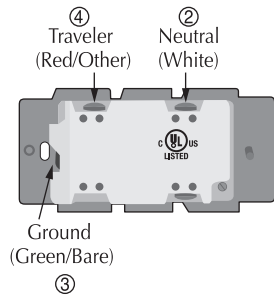
### 4-way circuit



### 5-way circuit



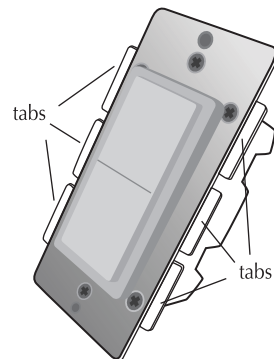
### Making connections



The maximum length of Traveler wire should not exceed 200ft.

### Gang Box

To install the WS-100 in a single gang switch, no changes should be required. For dual or higher gang configuration where switches are next to each other, the tabs need to be removed. Simply take a pair of pliers, grab the tabs and wiggle until the tabs break off.



Step 4. When proper wiring is completed, secure the module to the wall box. Restore power to the circuit to test if the connected load or lighting can be turned ON/OFF, or Dimmed (when used with WD-100 dimmer only) manually by the rocker on the auxiliary switch(es) wired before remounting the wall plate.

### About the rocker switch:

There is only 1 rocker switch on this module for manual operation that allows you to turn the connected lighting ON/OFF and DIM(for use with WD-100 dimmer only) by tapping the switch. Tap and releasing the upper part of the rocker turns the lighting ON. Tap and releasing the lower part of the rocker turns the lighting OFF. Tap and hold the upper part of the rocker Dims Up the lighting(when used with WD-100 only). Tap and hold the lower part of the rocker Dims Down the lighting(when used with WD-100 only). Simply release the rocker when the desired brightness level is reached during dimming.

### SPECIFICATION

Normal operating temperature: 77°F (25°C)  
For indoor use only.

Z-Wave is a registered trademark of Sigma Design

### WARRANTY

Z-Wave Products warrants to the original purchaser of this product that for the warranty period, this product will be free from material defects in materials and workmanship. The foregoing warranty is subject to the proper installation, operation and maintenance of the product in accordance with installation instructions and the operating manual supplied to customer. Warranty claims must be made by customer in writing within 30 days of the manifestation of a problem. Z-Wave Products' sole obligation under the foregoing warranty is to repair, replace or correct any such defect that was present at the time of delivery, or to remove the product and to refund the purchase price to customer. The warranty does not extend to consequential or incidental damage to other products that may be used with this product.

For inquiry and customer service, email to [help@zwaveproducts.com](mailto:help@zwaveproducts.com)

All brand names shown are trademarks of their respective owners

Warranty period: limited 1 year from date of purchase