

## 4-Wire (Neutral Required) Switch Compatibility & Wiring Configurations

### Switch Model Numbers

- CSWONBLBWF1/ST-P
- CSWONBLPWF1/ST-P
- CSWONBLTWF1/ST-P
- CSWDMBLBWF1/ST-WT1
- CSWDMOCBWF1/ST-WT1

### Requirements

- Neutral wire is required (Wire is usually white or grey)
- Ground wire is required (Wire is usually green, green with a yellow stripe, or copper)
- Wi-Fi 802.11 b/g/n @ 2.4 GHz is required

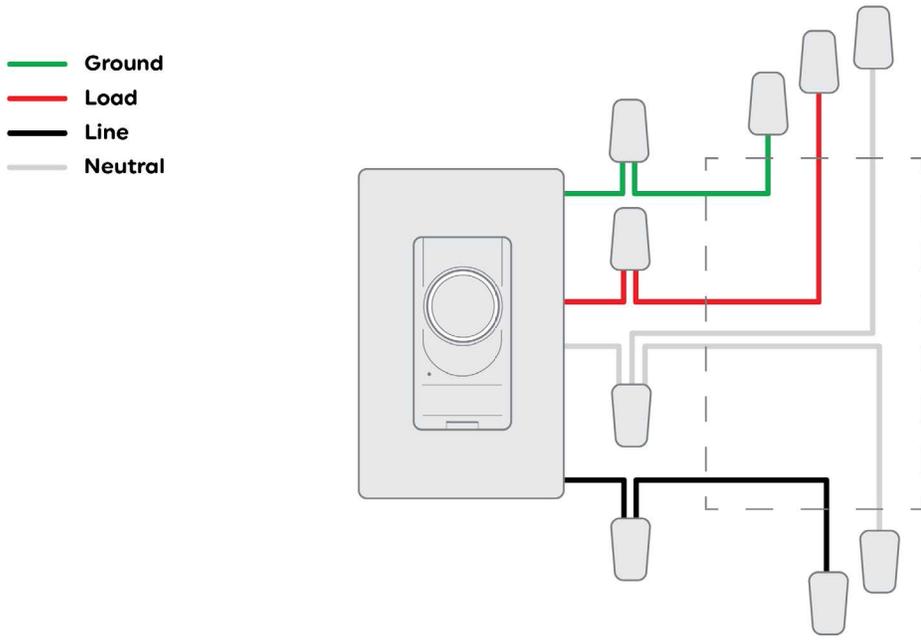
### Compatibility

- Rating 120V AC 60Hz
- Works with halogen, incandescent and LED bulbs, including Cync/C by GE Smart Bulbs.
- LED up to 1.25 amps
- Incandescent/halogen up to 5 amps
- Motor up to 1/4HP

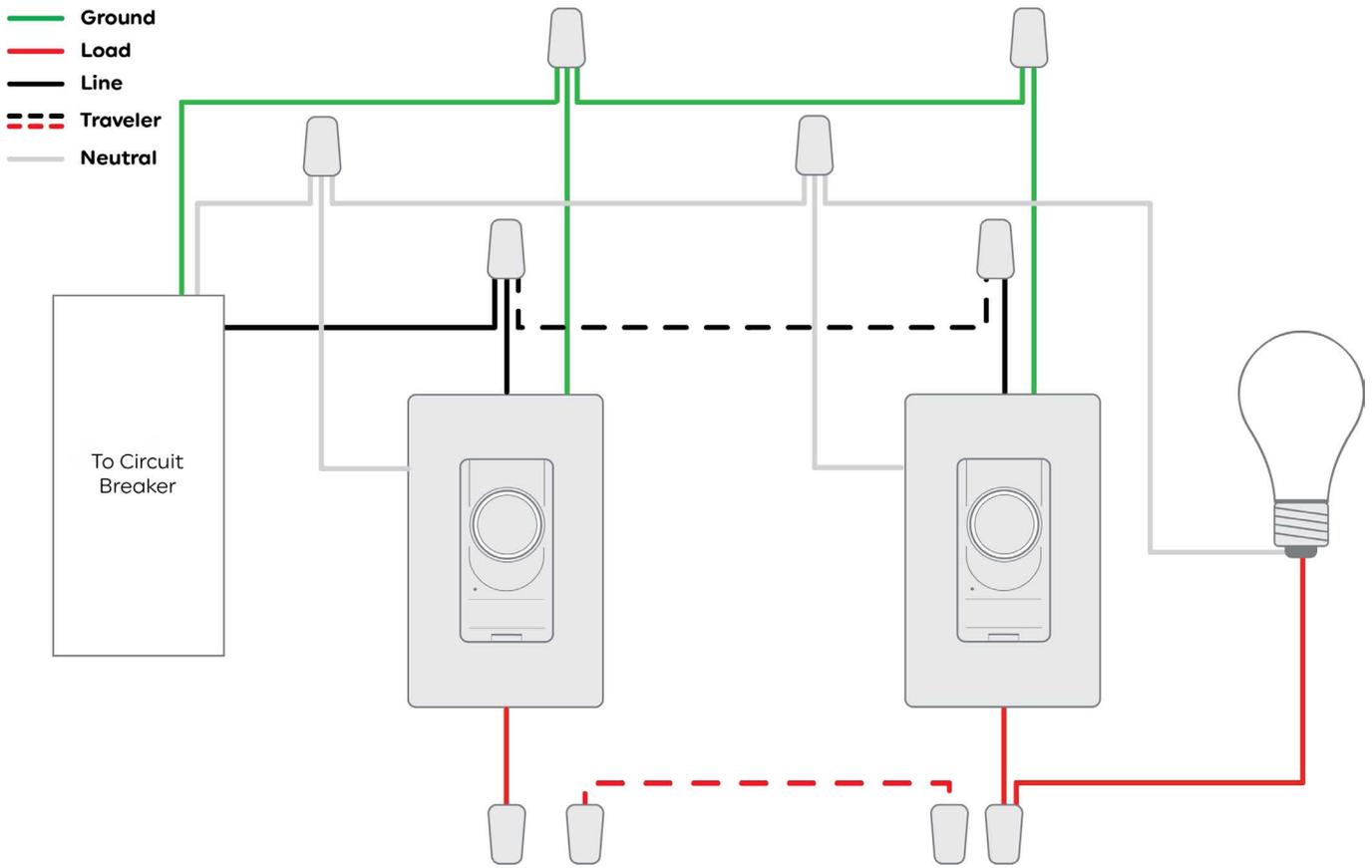
Wiring Configuration	Compatible	User Experience
3-Way Install	Yes	Two switches on the same circuit controlling the same light(s). All switches on the circuit must be a Cync Smart Switch.
4-Way/Multi-Way Install	Yes	Four or more switches on the same circuit controlling the same light(s). All switches on the circuit must be a Cync Smart Switch.
California 3-Way	Yes	See wiring diagram below for details.
Dead End 3-Way	Yes	See wiring diagram below for details.
Knob and Tube Wiring	No	This wiring setup is not compatible or supported due to the risk of lower grade copper, and the potential of deterioration/snapping of the wires.
Mixing different switch brands with Cync Smart Switches on the same circuit.	No	All switches on the same circuit must be a Cync Smart Switch. Our switches will not function properly if they are mixed with a basic on/off switch, or a non-Cync Smart Switch on the same circuit.
Mixing Cync Dimmers and Cync On/Off Switches on the same circuit	Yes, but	This configuration is compatible only if the Cync Dimmer is on the Load Side of the circuit.

Light Bulb/Fixture Compatibility	Compatible	User Experience
CFL	Yes	For dimmers, select non-dimmable load since CFL's cannot dim.
Florescent Fixtures with Electronic Ballasts	Yes	Will only control On/Off functionality. Will not be able to dim.
Magnetic Ballasts	Yes	Will only control On/Off functionality. Will not be able to dim.
LED Drivers	No	Due to the variety of types and different specifications of LED Drivers, we cannot guarantee compatibility with our switches.
Outlets	No	Cync Smart Switches are not compatible with, and cannot control an outlet. Our switches are only compatible with light fixtures.
Fans	Yes, but	Cync On/Off Smart Switches will work for basic on/off control of the fan for up to 1/4HP motors (speed control determined by fan setting). For full control (fan speeds/on/off) and 1.5 Amp output, we recommend our Fan Speed Smart Switch.
Pool Lights and/or Pumps	Yes, but	If it is within our current switch rating (120V 60Hz 1/4HP motor) and protected with a GFCI.

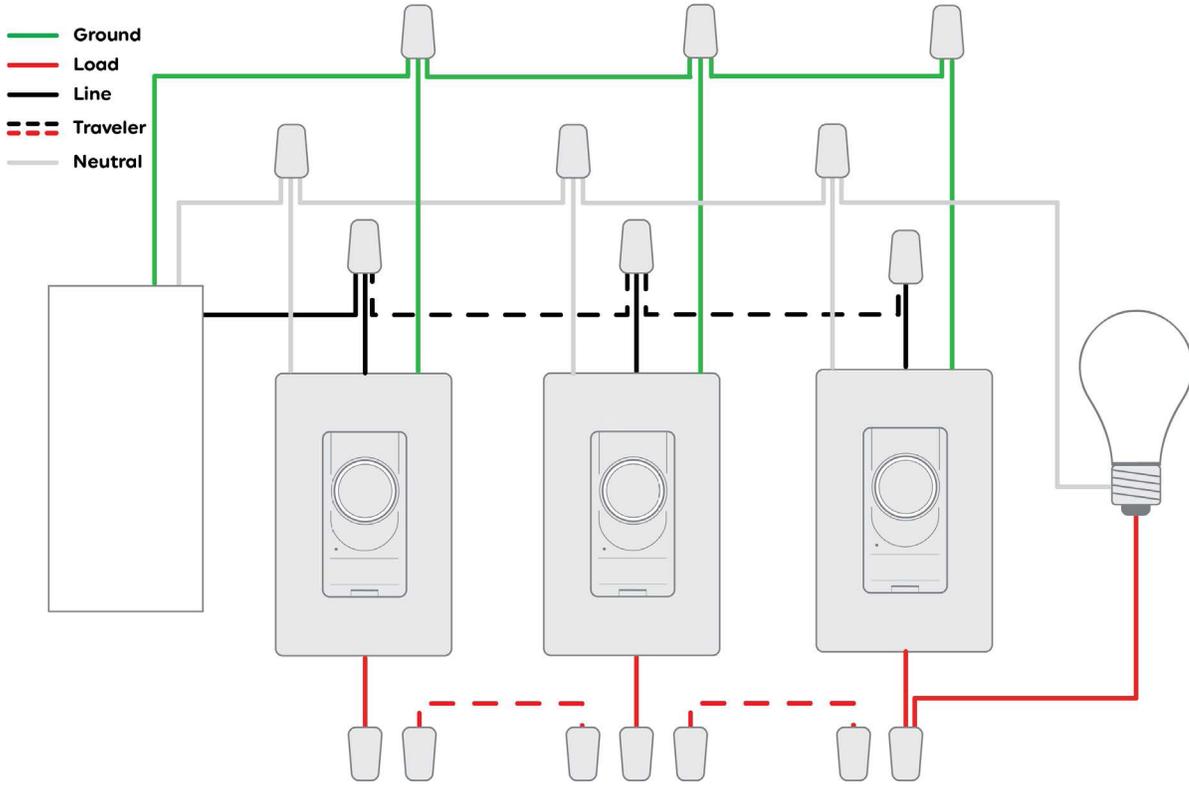
## Single Pole



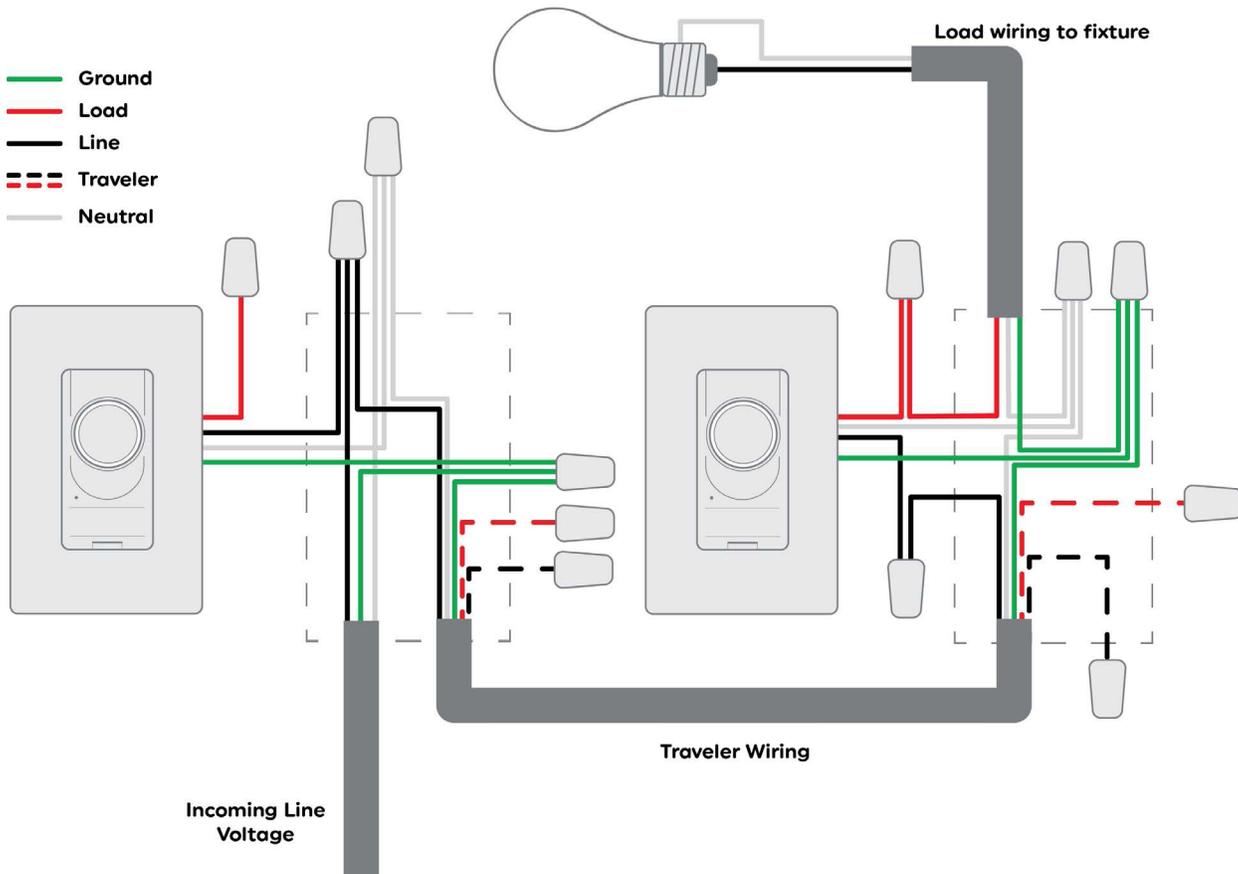
## 3-Way



## 4-Way/Multi-Way



## California 3-Way



# Dead End 3-Way

