

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

Switch Model Numbers

- CSWDMBLK5T1/MSWF
- CSWDMBLPT1/MSWF

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

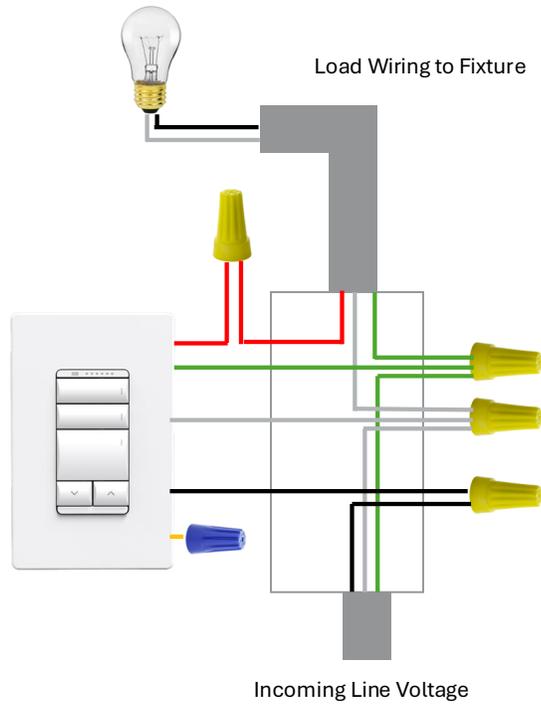
- Rating 120V AC 60Hz
- Works with halogen, incandescent and LED bulbs, including Cync/C by GE Smart Bulbs.
- LED up to 1.25 amps
- Incandescent/halogen up to 5 amps
- Motor up to 1/4HP

Wiring Configuration	Compatible	User Experience
3-Way Install	Yes	Two switches on the same circuit controlling the same light(s). Support two configurations: 1. One Cync switch + one mechanical switch in 3-way; 2. Two Cync switches in 3-way.
4-Way/Multi-Way Install	Yes	Three or more switches on the same circuit controlling the same light(s). All switches on the circuit must be a Cync Smart Switch.
Dead End 3-Way	Yes	Two switches on the same circuit controlling the same light(s). Support two configurations: 1. One Cync switch + one mechanical switch in 3-way; 2. Two Cync switches in 3-way.
Dead End 4-Way/Multi-Way	Yes	Three or more switches on the same circuit controlling the same light(s). Support two configurations: 1. One Cync switch with two or more mechanical switches in 4-way/multi-way. 2. Three or more Cync switches in 4-way/multi-way.
California 3-Way	Yes	Two switches on the same circuit controlling the same light(s). Support two configurations: 1. One Cync switch + one mechanical switch in 3-way; 2. Two Cync switches in 3-way.
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.	Yes	Only mechanical switch from other brands can work with Cync smart switch in 3-way/4-way/multi-way.
Mixing Cync Dimmers and Cync On/Off Switches on the same circuit.	Yes, but	This configuration support dimming feature only if the Cync Dimmer is wired to the load wire.

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.

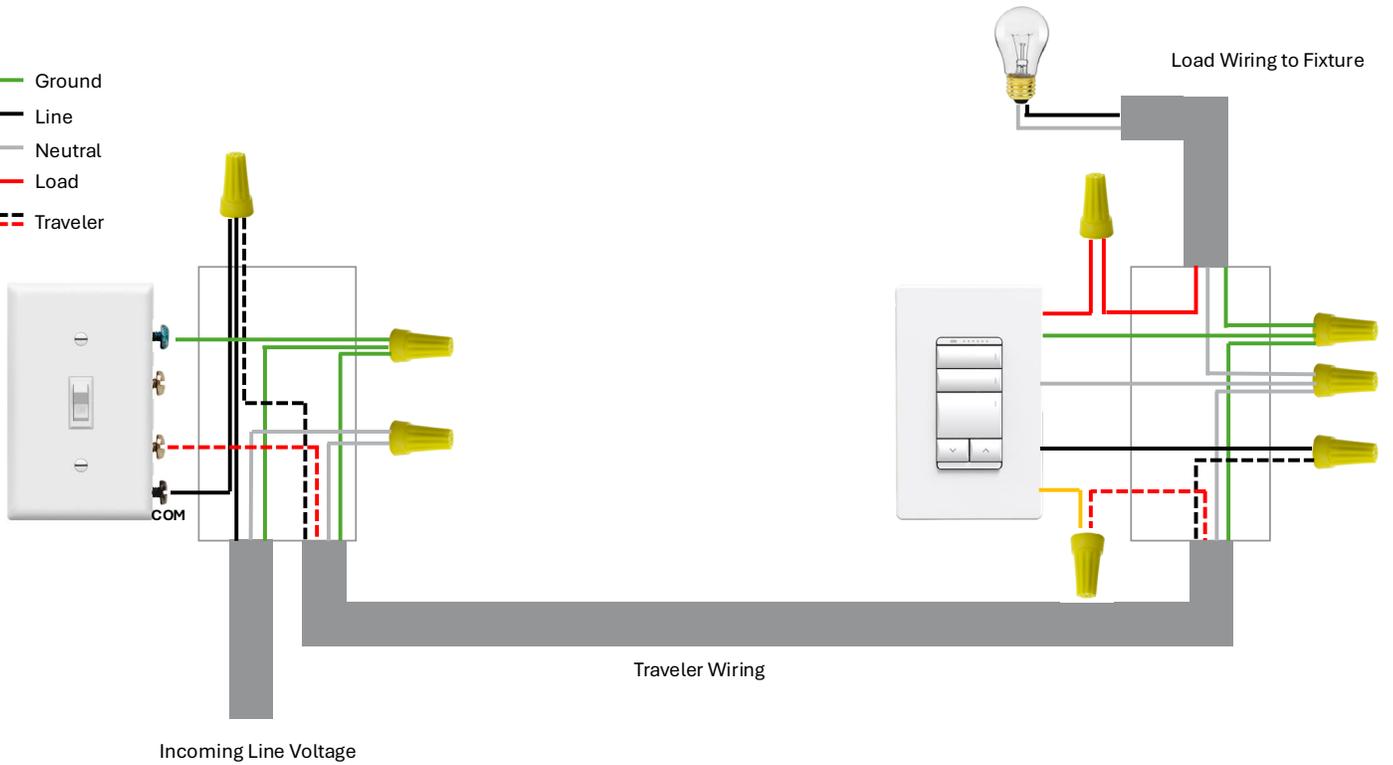
Single Pole

- Ground
- Line
- Neutral
- Load

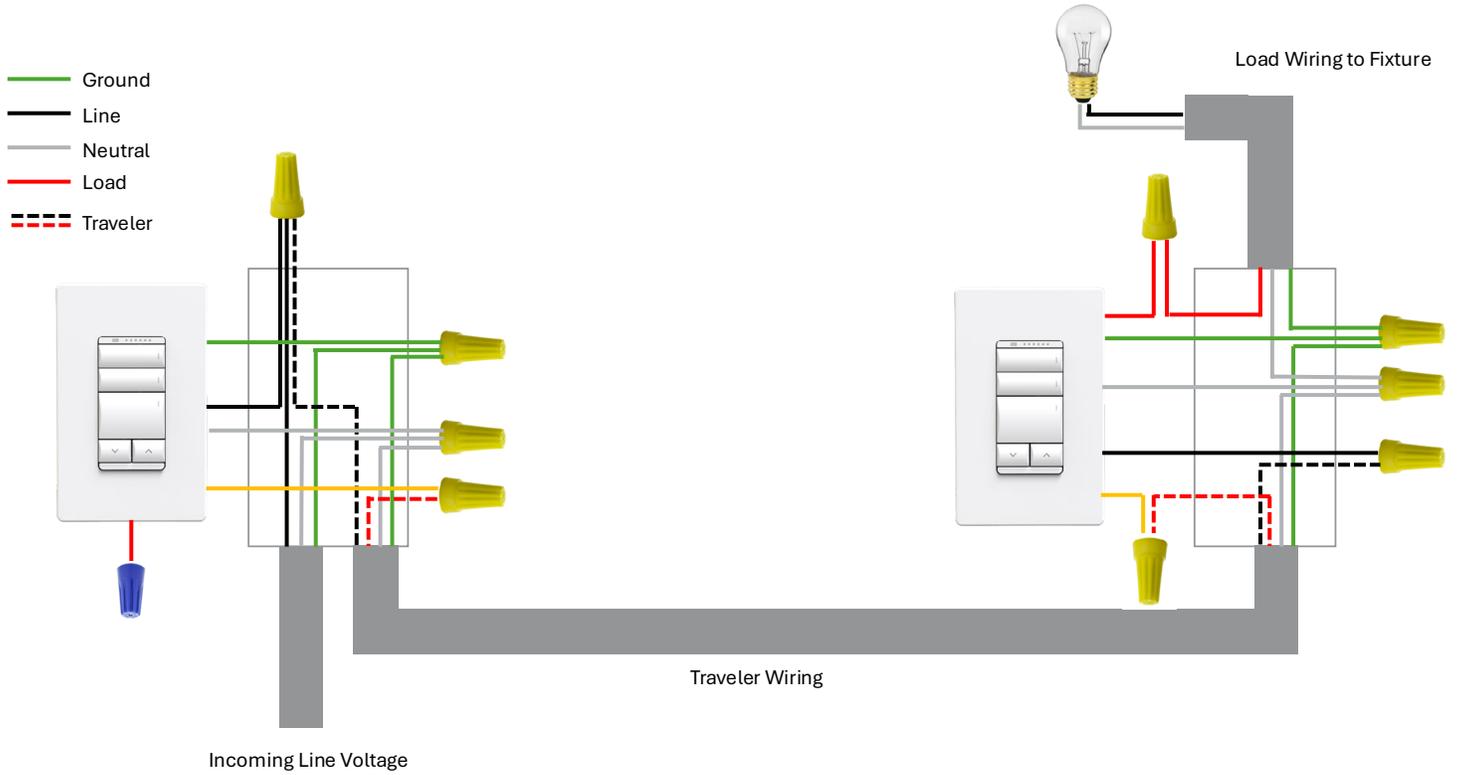


3-Way - One Cync Switch + One Mechanical Switch

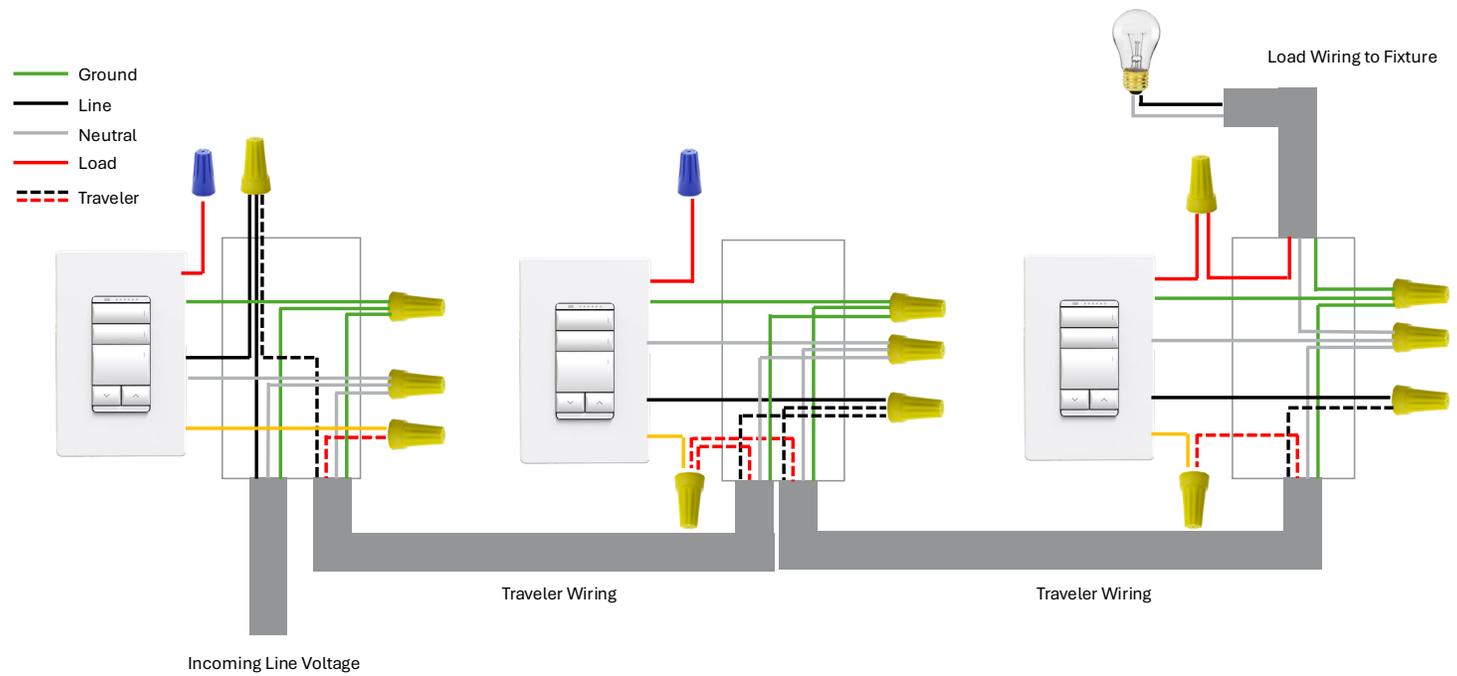
- Ground
- Line
- Neutral
- Load
- Traveler



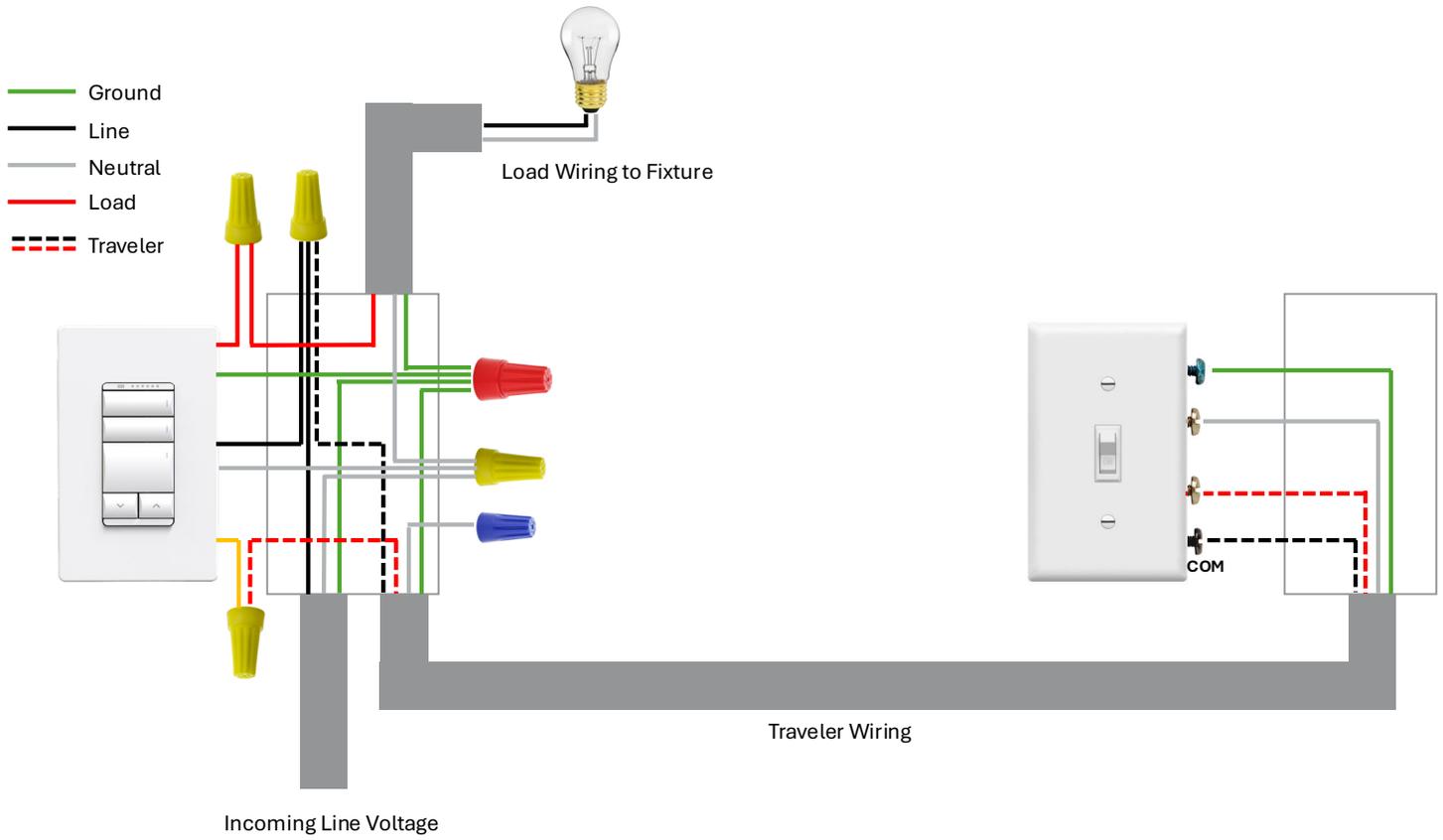
3-Way - Two Cync Switches



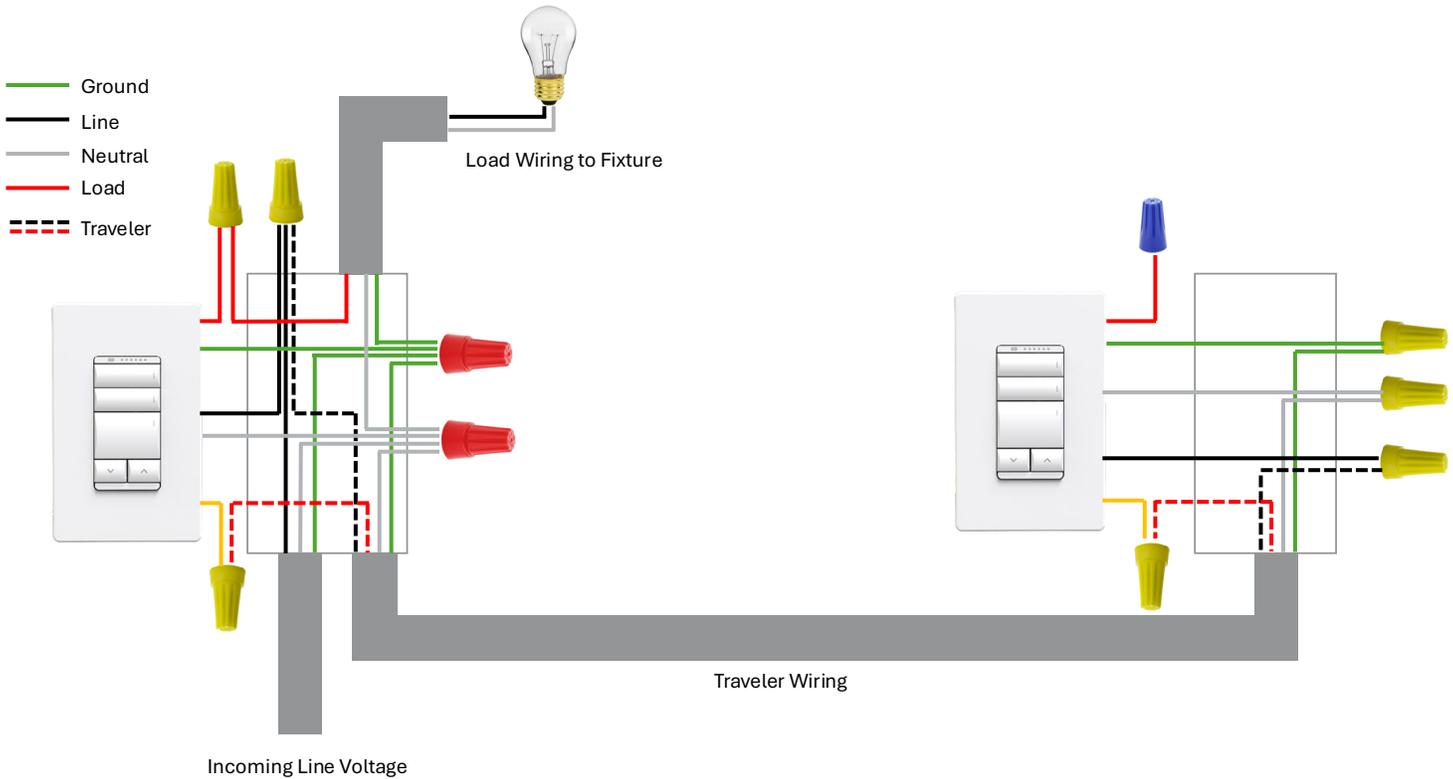
4-Way - Multiple Cync Switches



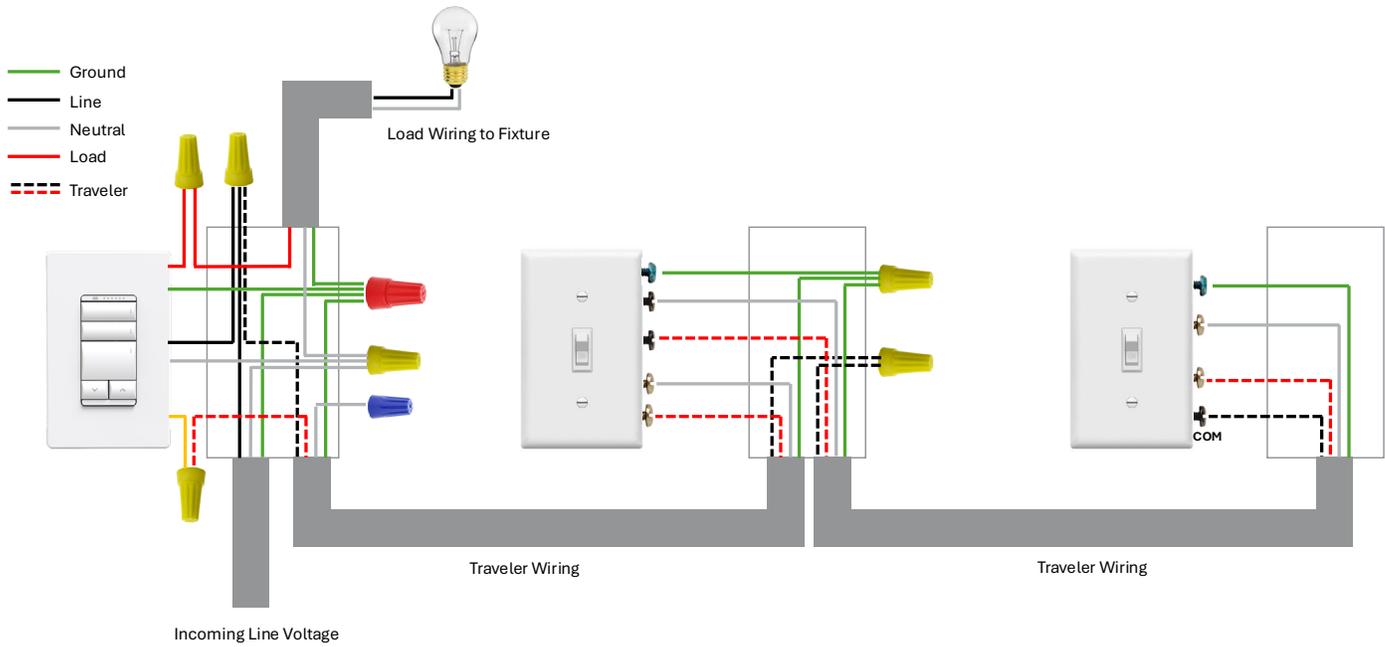
Dead End 3-Way



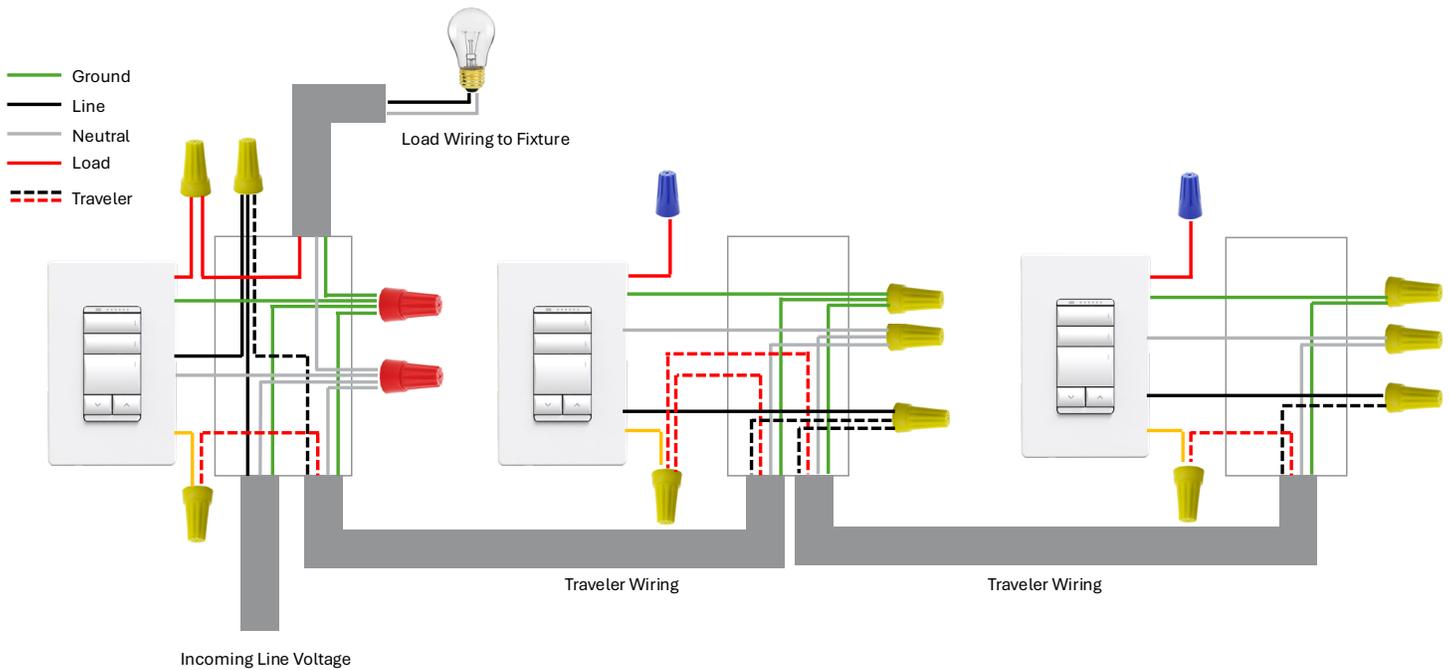
Dead End 3-Way - Two Cync Switches



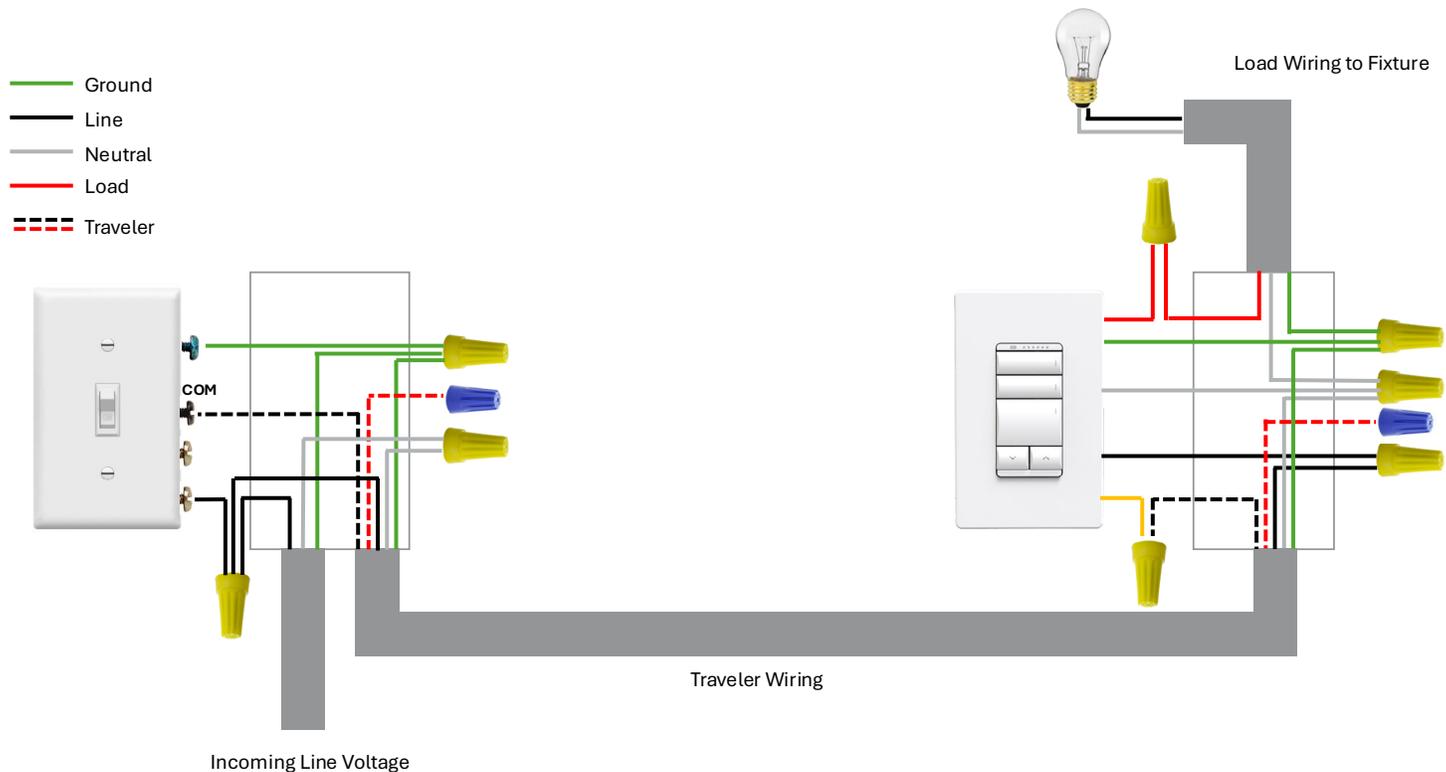
Dead End 4-Way - One Cync Switch + Two or More Mechanical Switches



Dead End 4-Way - Three or More Cync Switches



California 3-Way - One Cync Switch + One Mechanical Switch



California 3-Way - Two or More Cync Switches

