

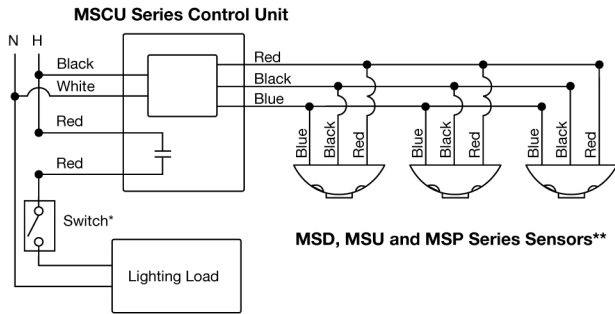
Occupancy Sensors and Lighting Controls

Ceiling and Wall Mount Sensors Wiring Schematics

Adaptive Dual Technology, Ultrasonic, and Passive Infrared Ceiling and Wall Mount Sensors
MSD, MSU and MSP Series Ceiling and Wall Mount Sensors

Single Circuit Application:

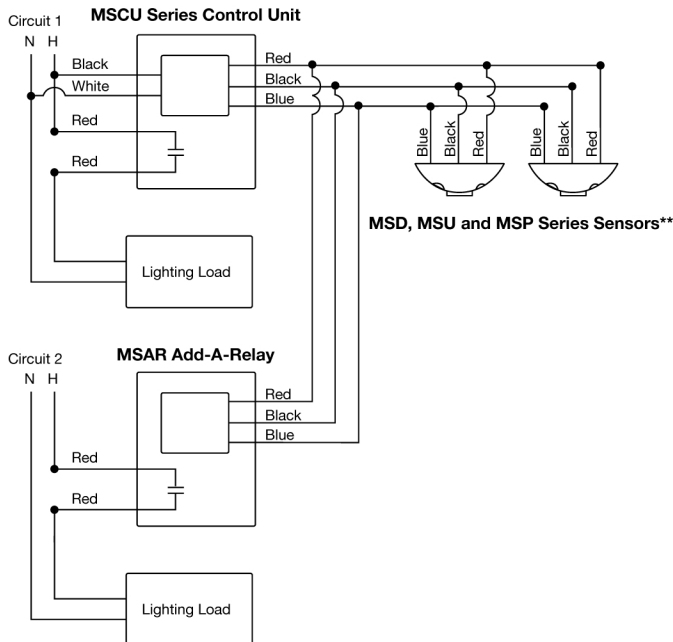
1 to 4 sensors wired to control unit with optional override off switch.



*Optional Override OFF Switch

Two Circuit Application:

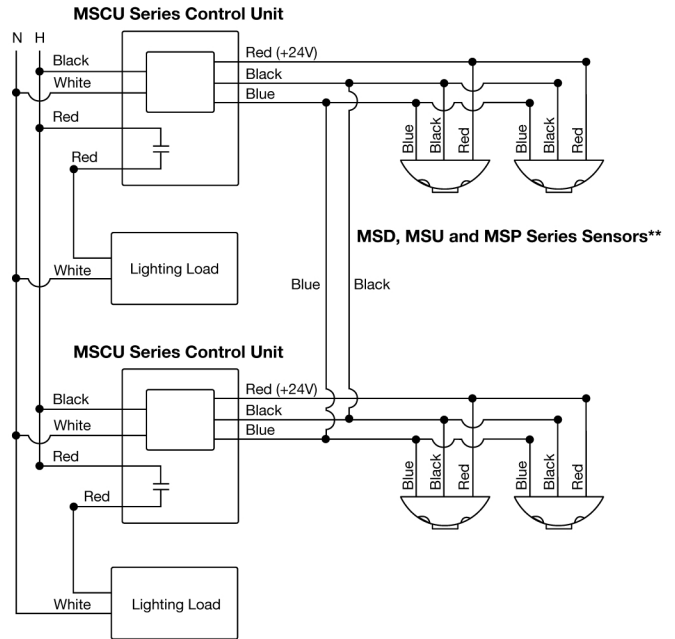
1 to 4 sensors wired to control unit and Add-A-Relay (control unit switches circuit 1, Add-A-Relay switches circuit 2).



Note: **For wiring sensors with isolated relay and photocell option (models with "RP" suffix): Photocell Option: Cap off Blue sensor wire. Connect Gray sensor wire to Blue control unit wire. Isolated Relay Option: Common-Blue/White wire, Normally Closed-Black/White wire, Normally Open-Yellow/White wire.

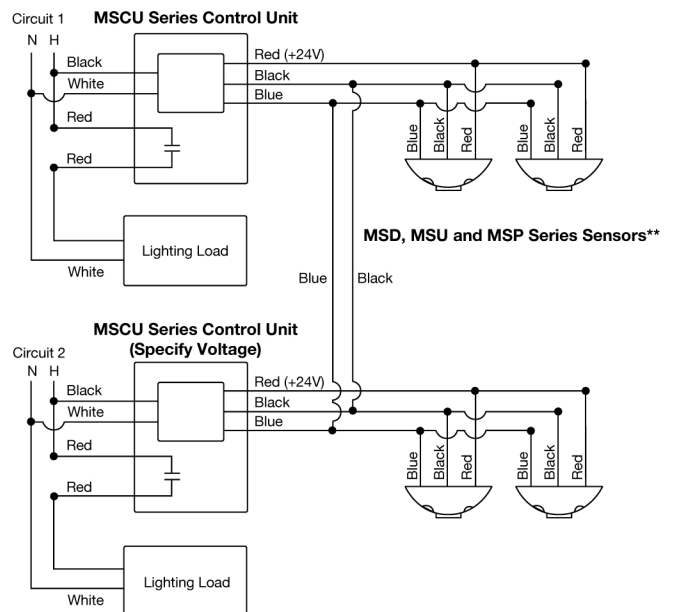
Single Circuit Application:

Two control units wired in parallel to operate 5 to 8 sensors in a single zone. Maximum 4 sensors per control unit any sensor will activate lighting.



Two Circuit Application:

Two control units wired in two circuits to operate 2 to 8 sensors in a single zone. Maximum 4 sensors per control unit any sensor will activate both lighting loads.



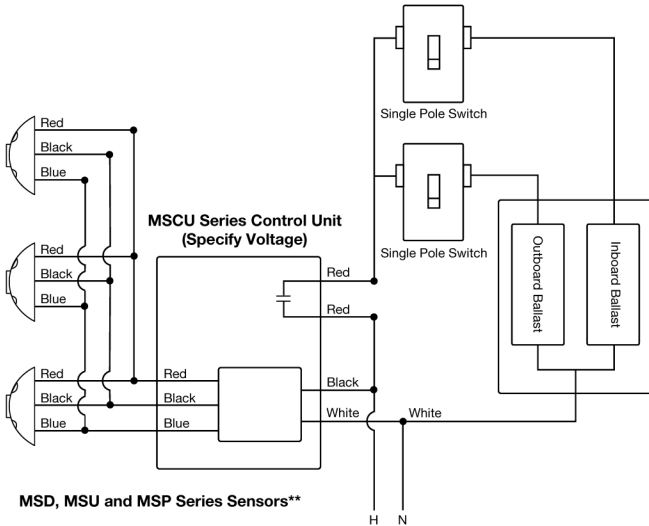
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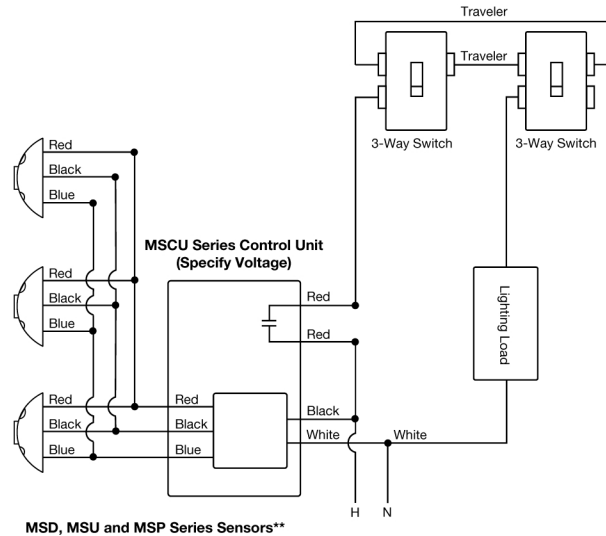
Single Circuit, Dual Level Switching Application:

1 to 4 sensors wired to control unit with optional override off switches.



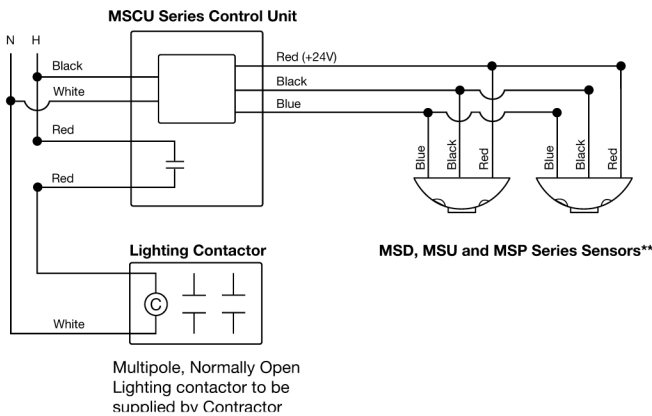
Single Circuit, 3-Way Switching Application:

1 to 4 sensors wired to control unit with optional override off switches.



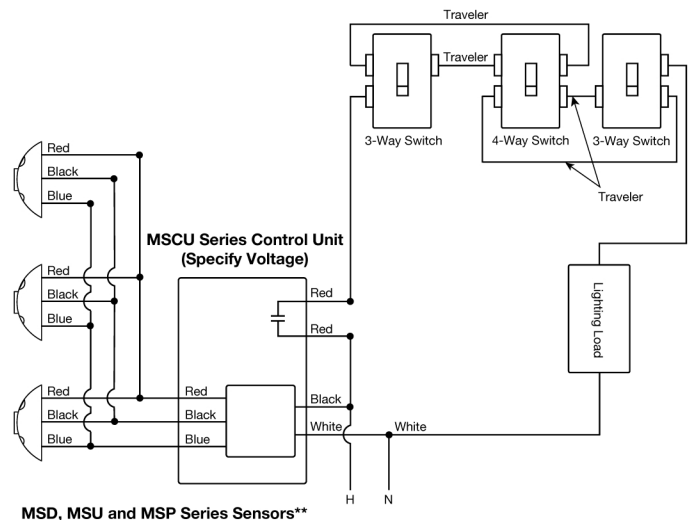
Multi-Circuit Application:

1 to 4 sensors wired to control unit that is wired to a multi-pole lighting contactor.



Single Circuit, 4-Way Switching Application:

1 to 4 sensors wired to control unit with optional override off switches.



Note: **For wiring sensors with isolated relay and photocell option (models with "RP" suffix): Photocell Option: Cap off Blue sensor wire. Connect Gray sensor wire to Blue control unit wire. Isolated Relay Option: Common-Blue/White wire, Normally Closed-Black/White wire, Normally Open-Yellow/White wire.