

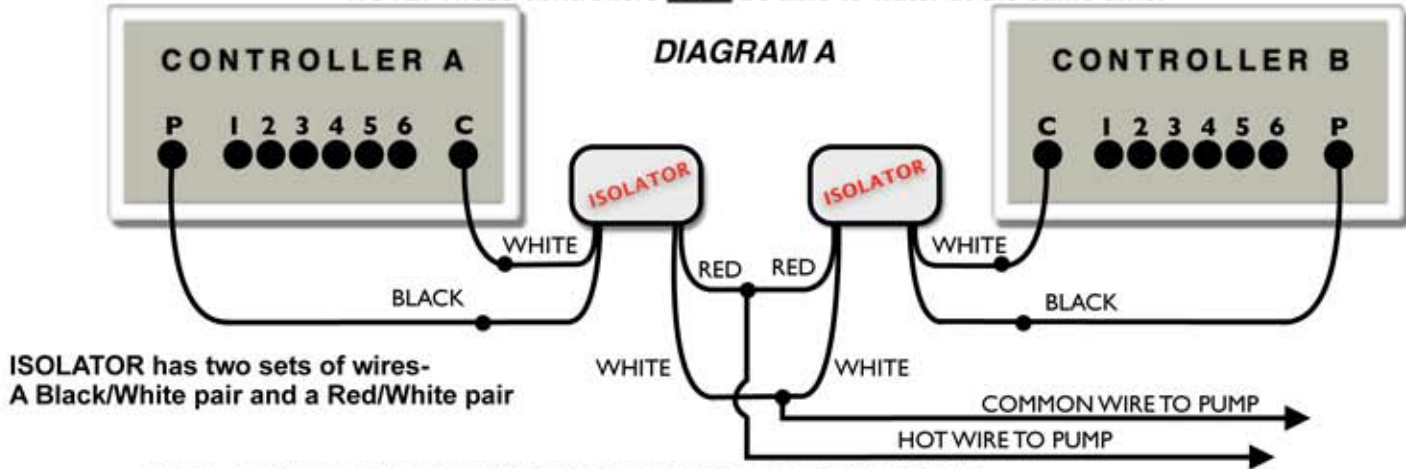
ISOLATOR™

CONTROLLER PROTECTION FOR MULTI-CONTROLLER SYSTEMS

INSTALLATION INSTRUCTIONS

TO ISOLATE CONTROLLERS USING THE SAME PUMP / MASTER VALVE CIRCUIT. Diagram A

NOTE: These controllers WILL be able to water at the same time.



ISOLATOR has two sets of wires-
A Black/White pair and a Red/White pair

STEP 1: CONNECT BLACK / WHITE PAIR OF WIRES TO THE CONTROLLER.
Connect BLACK wire to the pump or master valve terminal of the controller.
Connect WHITE wire to the common terminal of the controller.

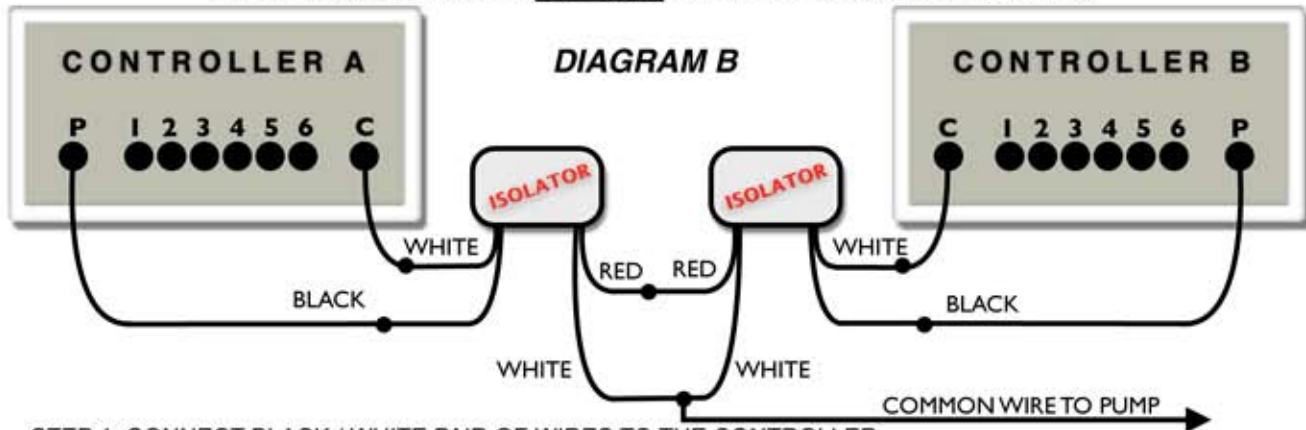
STEP 2: CONNECT RED / WHITE PAIR OF WIRES TO THE PUMP / MASTER VALVE CIRCUIT.
Connect RED wire to the hot wire for the pump or master valve.
Connect WHITE wire to the common or neutral wire for the pump or master valve.

Simply repeat these steps to install an **ISOLATOR on each controller** to be protected in your system.
You have now protected these controllers.

OR

TO ISOLATE CONTROLLERS THAT HAVE INTERCONNECTED VALVE COMMONS. Diagram B

NOTE: These controllers WILL NOT be able to water at the same time.



STEP 1: CONNECT BLACK / WHITE PAIR OF WIRES TO THE CONTROLLER.
Connect BLACK wire to the pump or master valve terminal of the controller.
Connect WHITE wire to the common terminal of the controller.

STEP 2: CONNECT RED / WHITE PAIR OF WIRES TO THE VALVE CIRCUIT.
Connect RED wire to the RED wire coming from the other ISOLATOR(s).
Connect WHITE wire to the common or neutral wire for the valves.

Simply repeat these steps to install an **ISOLATOR on each controller** to be protected in your system.
You have now protected these controllers.

IMPORTANT: ISOLATOR is not waterproof. Install ISOLATOR inside controller or other suitable location with Velcro provided.

If necessary, you may perform an operational test to ensure your ISOLATOR is functioning properly.

TO TEST: Apply 24V power to black/white pair of wires; 24V **will** be passed to red/white pair.

Apply 24V to red/white pair; 24V **will not** be passed to black/white pair.



TRANSITIONAL SYSTEMS MFG., INC P.O. BOX 3449 YUBA CITY

www.transitionalsystems.com • tsm@transitionalsystems.com

PH (530) 751-2610 • FAX (530) 751-2512

TSM 2012