

### INSTALLATION OF ELECTRICAL EQUIPMENT

Installation of pump or any electrical equipment using RKIT 8810S Relay Interface Kit:

The RKIT units are used to switch a normally closed 2 amp electrical circuit at a voltage between 24V AC/DC and up to 230V AC/DC.

### SELECT THE CORRECT RKIT

RKIT 8810S can be used with Series 4000, X, XR and XRC

### RKIT 8810 INSTALLATION

If using a LEIT series controller to switch on a pump, fertilizer injector, fountain or light, there are two connection options using the RKIT 8810.

**OPTION 1:** Install the RKIT to the MV/Pump terminal on the LEIT 4004 and LEIT 4006 controllers. If using the LEIT 4008 use station #8. This will operate all valves with the unit that you are connecting too (e.g. pump).

**OPTION 2:** The RKIT can be installed to one of the valve station terminal connectors. This installation method will only operate the terminal it is connected to. This will only operate the valve, station number that the RKIT has been installed to (e.g. fountain will turn on/off by only the station that is using the RKIT).

To install the RKIT to a LEIT controller, run a red (hot) wire from the RKIT to the controller MV/Pump or to any of the station terminals. Then run a white (common) wire from the RKIT to the common terminal connector. If not available, splice it into the common field wire using a waterproof connector.

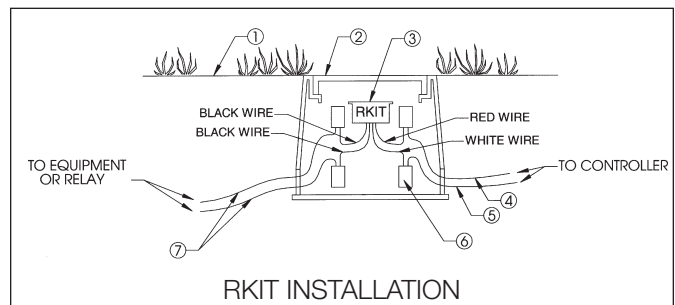
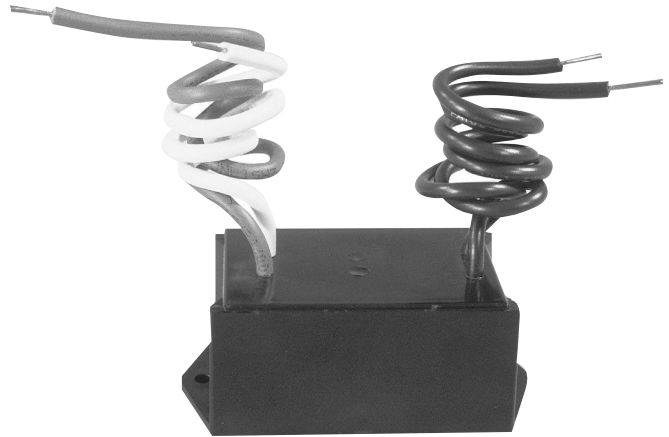
Run the two black wires from the RKIT to your AC/DC equipment and connect them to the corresponding circuit to be switched (e.g. pump start relay).

**Make sure to use waterproof dry-splice connectors for all connections.**

**NOTE:** If the RKIT is connected to any circuit higher than 24 volts, it must be located in its own high voltage junction box in accordance with local electrical code.

**WARNING!** RKIT must not be housed in the same box with any low voltage equipment.

Do not connect the RKIT to a circuit higher than 240 volts.



### LEGEND

1. Finish grade
2. 6" round valve box
3. RKIT adapter, part number 8810-X, use with each sensor
4. Red wire to the MV/pump terminal or any station terminal
5. White wire to the common terminal
6. Dry splice connectors (4)
7. To AC/DC equipment or pump start relay