



DIG RKIT 8810S RKIT Waterproof Relay Interface Installation Guide

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INSTALLATION OF ELECTRICAL EQUIPMENT

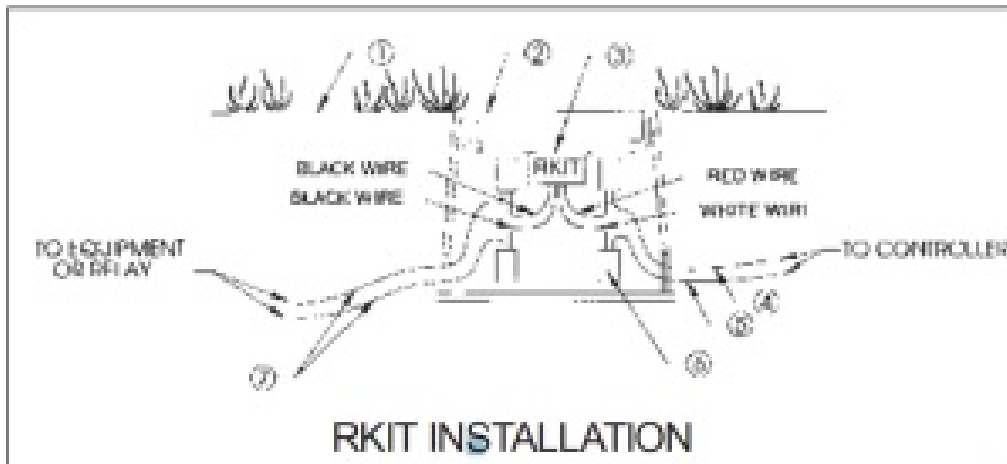
Installation of pump or any electrical equipment using RKIT 8810S Relay Interface Kit:

The RKIT units are used to switch a normally closed 10 amp electrical circuit at a voltage up to 250V AC or 30V DC.

SELECT THE CORRECT RKIT

RKIT 8810S can be used with Series 4000, X 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 4000, LEIT-X and LEIT-XRC 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 380 volts

LEGEND

1. Finish grade
2. 6" round valve box
3. RKIT adapter, part number 8810-S, use with each controller
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

1210 Activity Drive
Vista, CA 92081-8510, USA

<http://www.digcorp.com>


E e-mail: dig@digcorp.com



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Documents / Resources

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