

SR-1 PUMP RELAY

Pump Start Relay shall be model SR-1 as manufactured under the brand name Irritrol to be installed according to national and local electrical codes and the manufacturer's published specifications.

Operation: The pump start relay shall provide contacts for both the low-voltage switching power (24V ac to 30V ac Maximum) from the irrigation controller and for the through-put of the main power for the pump or other electrical device (not to exceed the electrical ratings of the contacts).

Construction: The Pump Start Relay shall be housed in a weather-resistant case that provides space within for the low-voltage (switching) and high voltage (power throughput) wire connections. The case shall be key-lockable for vandal resistance and for electrical safety.

Electrical: The Pump Start Relay's power throughput contact ratings shall be

1 HP at 120V ac, 1 Phase or 2 HP at 250V ac, 1 Phase.. At 250V ac, the maximum rating shall be 20A. The Pump Start Relay's coil rating for the low voltage (switching) control shall be 24V ac, 3VA. Coil operating requirements shall be a minimum of 19V ac to a maximum of 30V ac. Coil draw shall be approximately 0.1A