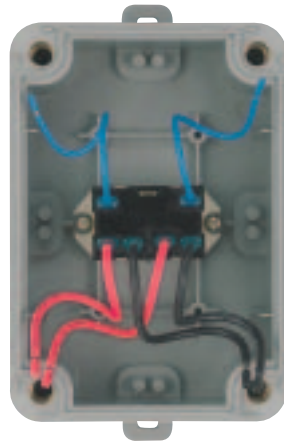


# Controllers



## Pump Start Relay

Dependability and protection are just two reasons why professional contractors consistently choose Orbit's Pump Start Relay. Designed to accommodate a variety of power sources and landscape needs, this pump start relay includes a UF/UL<sup>®</sup> rated enclosure and is fully compatible with all standard 24 VAC timers. Designed for easy installation and maximum user-friendliness, the relay allows you to protect your investment while extending the life of your irrigation system.

### Applications:

Residential and commercial projects.

Model No.	Description
<b>USA</b> 57009	Pump Start Relay, 1-2 HP
<b>International</b> 94061	Pump Start Relay

### Outstanding Features:

- Automatically activates pump when the controller activates a valve.
- Locking, weather-resistant case.
- Covered wiring compartment for extra protection and safety.
- Simple, trouble-free design.

### Electrical Specifications:

- Contact UL<sup>®</sup> listed: 1 HP @ 120 VAC, 1 phase; 2 HP @ 240 VAC, 1 phase. Coil rating: 24 VAC, 3 VA (minimum).

*To help prevent malfunctions, Orbit<sup>®</sup> suggests following the precautions below when operating the Pump Start Relay with electronic controllers:*

- The Pump Start Relay should be mounted at least 5 feet from the controller.
- The controller should be at least 12 feet from the pump.
- The sprinkler controller and Pump Start Relay should be connected to separate power sources.

### Mechanical Specifications:

#### Controller Box Description:

*Color:* Gray.

*Material:* ABS.

*Access:* 4 bolts

*Approvals:* ETL<sup>®</sup> approved, UL<sup>®</sup> standard enclosure.

#### Dimensions:

Height: 7" (17,7 cm).

Width: 5" (13,9 m).

Depth: 4" (10,1 cm).