

## Rain Bird PSR Universal Pump Start Relay

The Rain Bird pump start relays work with a lawn controller's start/stop command to facilitate the electrical path from the breaker box to the pump motor.

Rain Bird PSR Universal Pump Start Relays provide "pilot duty" operation for all types of electrically driven pump equipment with available coil voltages of 24, 110 and 220 VAC.

### Features

- 40 AMP certified relay
- Quick connect terminals with wire nuts
- Grounding provision
- Compatible with 24 VAC timed lawn controllers
- Compatible with 110 or 220 VAC 3/4 hp thru 5 hp\* single phase pumps
- Grey "baked-on" powder coating, for long life in difficult environments
- UL Listed as "Enclosed Industrial Control Panels" and backed by a limited two-year warranty
- Housed in compact NEMA 3R weather tight enclosures

### Enclosure

- UL Listed
- Nema 3R
- Powder-coated steel – Grey
- Dimensions - 6" w x 6" h x 4" d

### UL Listed Internal Components

- Power Relay
- Electrical Rating: 120v – 24 FLA, 240v – 28 FLA
- Largest Motor: 120v – 2 hp, 240v – 5 hp
- Short Circuit Rating: 120v – 5kA, 240v – 5kA
- Control voltage required: 24v
- Hertz: Sixty (60)
- Inrush/run: 950mA/360mA



### Cube Relay

- Nominal Voltage: 24 VAC coil
- Hertz: Sixty (60)
- Resistive (cos.=1): 10A

*\* National electrical code (nec) states all motors will be thermally protected from excessive "amperage draw." Most motors under 2 hp are supplied with thermal protection from the motor manufacturer. For motors over 2 hp, code-compliant Rain Bird PSRB pump protection is recommended.*

*NOTE: Circuit breakers are never classified as motor protection*

*NOTE: Check with your local health department for regulations and requirements for backflow prevention.*

### Models

- PSR24WG1: Rain Bird PSR Universal Pump Start Relay U-110 volt
- PSR24WG2 : Rain Bird PSR Universal Pump Start Relay U-220 volt

### How To Specify

#### PSR24WG 1

Model	Coil Voltage
PSR24WG	1: 110 volts 2: 220 volts

Rain Bird Description	Coil Voltage	hp	Rain Bird MODEL#
Rain Bird PSR Universal Pump Start Relay U-110 volt	110	3/4 THRU 5*	RBSR24WG1
Rain Bird PSR Universal Pump Start Relay U-220 volt	220	3/4 THRU 5*	RBSR24WG2

**Rain Bird Corporation**  
6991 E. Southpoint Road  
Tucson, AZ 85756  
Phone: (520) 741-6100  
Fax: (520) 741-6522

**Rain Bird Technical Services**  
(800) RAINBIRD (1-800-724-6247)  
(U.S. and Canada)

**Rain Bird Corporation**  
970 West Sierra Madre Avenue  
Azusa, CA 91702  
Phone: (626) 812-3400  
Fax: (626) 812-3411

**Specification Hotline**  
800-458-3005 (U.S. and Canada)

**Rain Bird International, Inc.**  
1000 West Sierra Madre Ave.  
Azusa, CA 91702  
Phone: (626) 963-9311  
Fax: (626) 852-7343

The Intelligent Use of Water™  
[www.rainbird.com](http://www.rainbird.com)