

## Rain Bird PSR1 10220 Dual Pole Pump Start Relay



UL Listed  
Components

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 PSR1 10220 Dual Pole Pump Start Relays provide "pilot duty" operation for all types of electrically driven pump equipment with available 24 volt coil voltage.

### Features

- 40 AMP UL listed 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 components, 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

### Electrical Information

- 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

### Models

- PSR1 10220: Pump Start Relay



\*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.

### How To Specify

**PSR 110220**

Model PSR      Line Voltage 110 or 220 volts

Description	Line Voltage	Coil Voltage	hp	MODEL #
Rain Bird Dual Pole Pump Start Relay**	110 or 220	24	3/4 THRU 5*	PSR110220

\*\*Not recommended for two-wire irrigation systems. Please use Universal PSR and PSRP models with ice cube relay for better performance.

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