

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 PSR110IC and PSR220IC Universal Pump Start Relays provide "pilot duty" operation for all types of electrically drive 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 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

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



UL Listed Components

Cube Relay

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

Models

- PSR110IC: Rain Bird Universal Pump Start Relay – 110 Volt
- PSR220IC: Rain Bird Universal Pump Start Relay – 220 Volt

* National electrical code (nec) states all motors will be thermally protected from excessive "amperage draw."

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

How To Specify

PSR	110IC
Model	Coil Voltage
PSR	110 or 220 volts

Description	Line Voltage	Coil Voltage	hp	MODEL #
Rain Bird Universal Pump Start Relay - 110 Volt	110	24	3/4 THRU 2**	PSR110IC
Rain Bird Universal Pump Start Relay - 220 Volt	220	24	3/4 THRU 5**	PSR220IC

**Recommended for two-wire irrigation systems.

Rain Bird Corporation

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

Rain Bird Corporation

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

Rain Bird International, Inc.

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

Specification Hotline

800-458-3005 (U.S. and Canada)

The Intelligent Use of Water™
www.rainbird.com