



UL Listed
Components

Rain Bird LX-IVM Compatible Pump Start Relay

The Rain Bird line of 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 PSR110/220-IVM models are specifically designed to work with the Rain Bird LX-IVM Controller through the use of a 9 volt DC latching relay. This provides "pilot duty" operation for all types of electrically driven pump equipment.

Features

- 40 AMP UL listed relay
- Quick connect terminals with wire nuts
- Grounding provision
- Compatible with ESP-LX IVM & ESP-LX IVM PRO 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:** IVM-OUT Device will supply the required 9 volt DC current
- Hertz: Sixty (60)
- Inrush/run: 950mA/360mA

Models

- PSR110-IVM: IVM PUMP START RELAY 110V
- PSR220-IVM: IVM PUMP START RELAY 220V



Description	Line Voltage	Coil Voltage	hp
Rain Bird LX-IVM Compatible Pump Start Relay	110 or 220	24	3/4 THRU 5

* IVM-OUT field device is REQUIRED to interface with the ESP-LXIVM Controller

* 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.

NOTE: Circuit breakers are never classified as motor protection.

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

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)

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www.rainbird.com