

# Pump Start Relay

This reliable and economical pump start relay family is perfect for systems that require pump activation.

## KEY BENEFITS

- Pump start relay family for a variety of voltage and power requirements
- 24 VAC flying leads make connection to the controller quick and easy
- Suitable for conventional wiring or two-wire decoder activation
- Provides a solution for pump start relay installations that have insufficient power to activate the pump
- Includes solid state relay and local 24 VAC transformer for simple PSR activation

## Operating Specifications

- Recommended installation: minimum 4.5 m from irrigation controller
- Primary AC power input: 120/230 VAC,
- Secondary AC power output: 24 VAC, 1.6 A
- Relay rating: Double-pole, double-throw solid state (10 A)
- Approvals: IP54, UL, CE, NEMA 3R rated
- Warranty period: 2 years



PUMP START RELAY ELECTRICAL SPECIFICATIONS									
Models	Single Phase		3 Phase**	Max. Full Load Amps	Max. Resistive Amps	Coil VA		Coil VA	
	kW at 120 VAC	kW at 230 VAC	kW at 230 VAC			Inrush	(Amps)	Holding	(Amps)
PSR-22	1.5*	2.2*	N/A	30	40	33	(1.38)	8	(0.33)
PSR-52	2.2	5.6	N/A	40	50	65	(2.71)	7.5	(0.31)
PSR-53	2.2	5.6	7.5	40	50	65	(2.71)	7.5	(0.31)

**Note:** \*Approximate power  
 \*\* 3 phase power at 230 VAC is not commonly available in some international markets. Check local electrical codes for compatibility.

Copyright © 2024 Hunter Industries Inc. Hunter, the Hunter logo, and other marks are trademarks of Hunter Industries Inc., registered in the U.S. and certain other countries.

<https://redesign.hunterindustries.com/en-metric/irrigation-product/controllers/pump-start-relay>  
 053024