

# Pump Start Relay

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

## KEY BENEFITS

- A 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, allows flexible installation options
- Provides a solution for irrigation controller and 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 15' 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, cUL, FCC, CE, RCM, ISED
- 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	
	HP at 120 VAC	HP at 230 VAC	HP at 230 VAC			Inrush	(Amps)	Holding	(Amps)
PSR-22	2*	3*	N/A	30	40	30	(1.25)	6.5	(0.27)
PSR-52	3	7.5	N/A	40	50	60	(2.50)	5	(0.21)
PSR-53	3	7.5	10	40	50	60	(2.50)	5	(0.21)

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

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