

Pump Relays for DX Air Conditioning

For Coordination of a Single Pump Serving Multiple Condensers



Pump relays are used to control cycling of seawater pumps when more than one condensing unit is supported by a single pump. One control trigger is needed for each condensing unit.

The PR8X is a solid-state relay which supports up to eight systems. Control triggers, matched to the system control voltage, are ordered separately and added at the time of installation. Trigger circuits for both 115V and 230V systems may be installed in the same PR8X box. The PR8X is ignition protected.

The PR3X type relay is ordered with two or three pre-installed control triggers which are matched to the system voltage. The PR3X-2 can be upgraded from two to three triggers in the field. Models can be ordered for 115 or 230V control voltage and can control 115V or 230V pumps. The unit is ignition protected.

The PR4D pump relays handle up to four control triggers which are ordered separately and added at the time of installation. The PR4D is used to control 230V 3-phase pumps.

Key Benefits

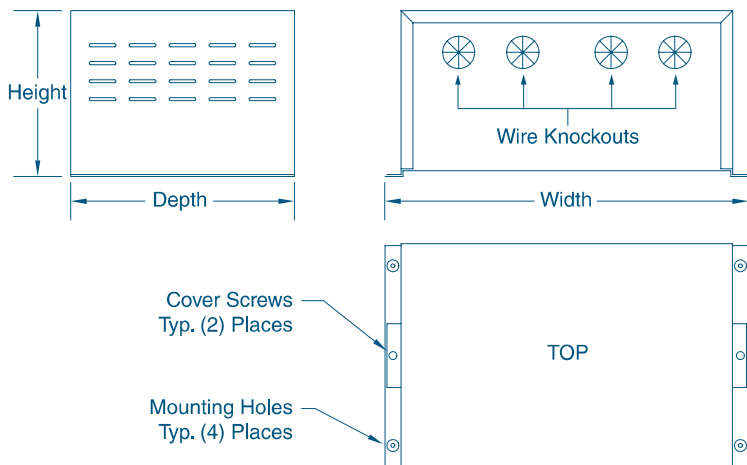
- Ignition protected
- Up to eight control triggers
- 115V and 230V models
- 15A fuse on pump circuit

Specifications for Pump Relays for DX Air Conditioning

Model	PR3X-2	PR3X-2C	PR3X-3	PR3X-3C	PR8X	PR8X-4	PR8X-4C	PR8X-5C	PR8X-6C	PR8X-7C
Control Voltage (V) ⁽¹⁾	115	230	115	230	115	115	230	230	230	230
Phase (Ph)	1	1	1	1	1	1	1	1	1	1
Pump Voltage (V)	115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230	115/230
Max. Circuit Breaker (A)	25	25	25	25	25	25	25	25	25	25
Height (in/mm)	2.38/61	2.38/61	2.38/61	2.38/61	5.25/134	5.25/134	5.25/134	5.25/134	5.25/134	5.25/134
Width (in/mm)	7.94/202	7.94/202	7.94/202	7.94/202	10.5/267	10.5/267	10.5/267	10.5/267	10.5/267	10.5/267
Depth (in/mm)	5.5/140	5.5/140	5.5/140	5.5/140	7/178	7/178	7/178	7/178	7/178	7/178
Gross Weight (lbs/kg)	4/1.9	2/1	4/1.9	2/1	2/1	4/1.9	4/1.9	3/1.4	4/1.9	4/1.9

¹ TR115 and TR230 control triggers are ordered separately depending on the application.

Dimensions



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