

Series DPC Duplexing Pump Controller

Specifications - Installation and Operating Instructions



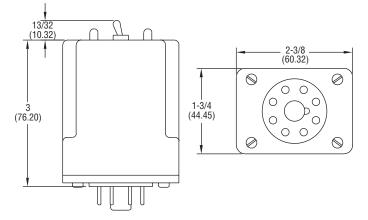
The Series DPC is used in control panels where two loads are required to alternate to provide equal run time on the loads. The alternating action is initiated by a control switch, which is common with one side of the control voltage. The output contacts will change states each time the control switch is opened, thus alternating the two loads. The LED indicators show the position of the output relay.

Important: Read the following carefully and completely before installing or connecting DPC units.

Note: DO NOT exceed specified electrical rating. Doing so may result in damage to control unit and load device.

INSTALLATION

- 1. Lock out all electrical current to relevant control panel during installation.
- 2. Fasten a standard 8-pin octal socket in the control panel.
- 3. Make the appropriate connections as shown in the wiring diagram (Figure A) to the corresponding numbered contacts on socket.
- 4. Fit the Series DPC controller in the 8-pin octal socket.
- 5. SEQUENCE LOCK MODEL ONLY: Set the three-position toggle switch to LOCK 1, LOCK 2 or AUTO for desired sequencing.
- 6. Resume power to control panel and monitor system for proper functionality.



SPECIFICATIONS

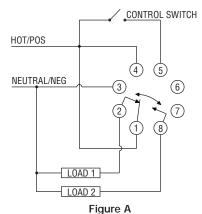
Power Requirement: 120 VAC/DC, 240 VAC, 24 VAC/DC. Power Consumption: 3 VA (approximate). Temperature Limits:

Operating: -4 to 131°F (-20 to 55°C); Storage: -40 to 185°F (-40 to 85°C).

Switch Type: SPDT.

Switching Current: 1 mA.

Electrical Rating: 10 A @ 240 VAC resistive, 1/8 hp @ 120
VAC, 1/4 hp @ 240 VAC inductive, 360 VA @ 240 VAC inductive.
Indicators: (2) LED's show active output relay.
Enclosure: Polycarbonate dust cover.
Mounting: 8-pin octal.
Weight: 4.5 oz (128 g).
Agency Approvals: UL 508.



MAINTENANCE

Upon final installation of the Series DPC Duplex Pump Controller, no routine maintenance is required. A periodic check of the system calibration is recommended. The Series DPC is not field serviceable and should be returned if repair is needed (field repair should not be attempted and may void warranty). Be sure to include a brief description of the problem plus any relevant application notes. Contact customer service to receive a return goods authorization number before shipping.

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