The Series PCP level controller is designed to be a power supply, an external relay, and a latching relay for differential level control with two level switches. As a power supply the PCP can step down line voltage to 5 or 24 VDC to power NPN switches such as the OLS and PC level switches or to power a transmitter. The PCP can function as an external relay to increase switching capability by providing up to a 10A SPDT contact for direct control of moderate loads. As a latching relay the PCP can be used with any two normally open level switches and provide level control for pumps. The latching circuit can also be used to hold the relay in an actuated state until manually reset.

**SPECIFICATIONS**

**Inputs:** One or two normally open switches.

**Output Type:** SPDT switch.

**Output Rating:** See model chart.

**Control Type:** On-off with manual reset capability.

**Power Requirements:** 24 VDC, 24 VAC, 120 VAC, or 240 VAC.

**Power Consumption:** DC power: 15 mA maximum; AC power: 55 mA maximum.

**Ambient Operating Temperature:** 0 to 140°F (-18 to 60°C).

**Weight:** 1.06 lb (0.48 kg).

**Enclosure Rating:** General purpose.

**Loop Power Supply:** 5 or 24 VDC regulated. 200 mA maximum.

**Mounting Orientation:** Horizontal or vertical.

<table>
<thead>
<tr>
<th>Model</th>
<th>Electrical Rating of Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120 VAC</td>
</tr>
<tr>
<td>PCP-1</td>
<td>0.5A</td>
</tr>
<tr>
<td>PCP-5</td>
<td>5A</td>
</tr>
<tr>
<td>PCP-10</td>
<td>10A</td>
</tr>
</tbody>
</table>

**Series DPC Duplexing Pump Controller**

Dual Pump Protection

Series DPC Duplexing Pump Controller is used where two pumps are required to alternate to provide equal run time on each. Alternating loads allows for equal wear on both pumps lengthening their operation life. The controlled relay alternates each time the control switch opens. Two LED indicators show the load that is energized by the SPDT output relay. The DPC-ACS model is a standard duplexing controller providing the automatic alternating sequence. The DPC-ALS offers the same automatic sequencing as well as A-B or B-A sequence lock selectable by a three-position toggle switch.

**SPECIFICATIONS**

**Power Requirement:** 120 VAC/DC, 240 VAC or 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.