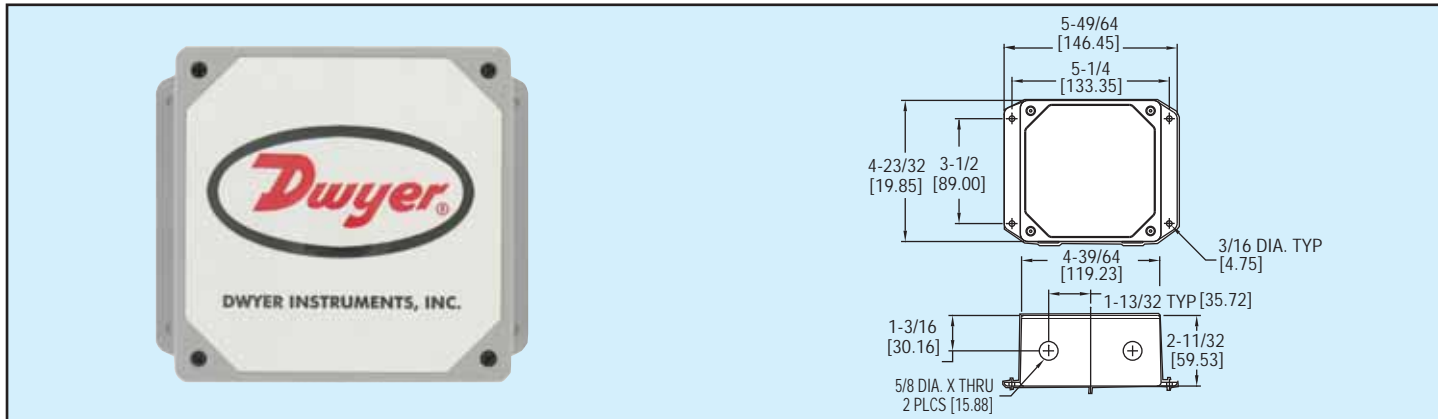




Series
PCP

Relay/Controller/Power Supply

10A SPDT Relay, 24 VDC Power Supply, Latching Circuit for Level Control



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.

Model	Electrical Rating of Contact		
	120 VAC	30 VDC	Max. Switching Capacity
PCP-1	0.5A	1A	62.5 VA, 33 W
PCP-5	5A	5A	600 VA, 150 W
PCP-10	10A	5A	1250 VA, 150 W