



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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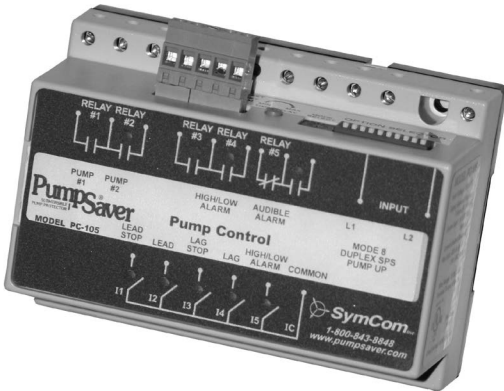
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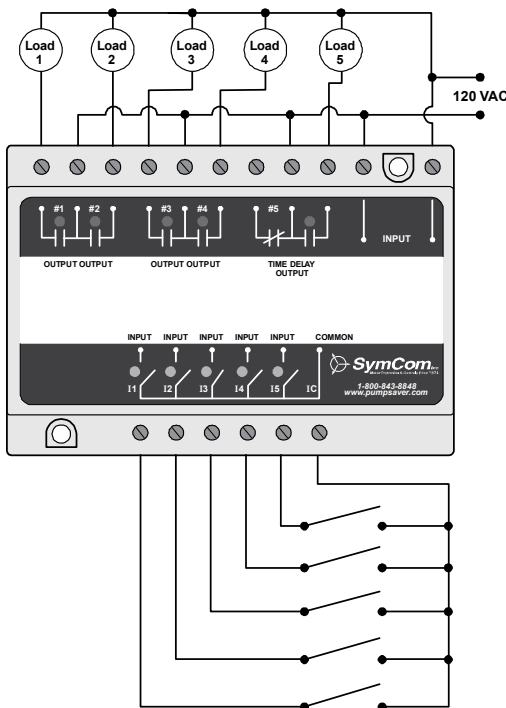


PC-105

Pump controller with duplex, triplex or quadplex functionality or 5-channel relay



Wiring Diagram



Description

The PC-105 is a 5-channel pump controller designed to handle multiple pump applications. Alternatively, it can operate as a 5-channel switch.

The PC-105's control functions support all of the popular industry-standard multi-pump, pump-up and pump-down configurations.

It can indicate low, high and out-of-sequence alarms and use alternating and non-alternating pump control. The non-alternating pump can be used as a jockey pump or emergency pump.

Using the built-in DIP switches, individual pumps can be disabled when taken out of service for repair or maintenance.

Features

- Compact design
- Low, high and out-of-sequence alarms
- Variable time delay/lag pump delay from 2-255 seconds
- Duplex SPS (separate pump stop) pump control
- Duplex, triplex or quadplex pump control
- Pump-up or pump-down functions
- External silence, reset and alternation configuration
- Five-channel relay configuration
- DIN rail or surface mountable

Specifications

Input Characteristics

Supply Voltage 120VAC
Frequency 50*/60Hz

Functional Characteristics

Probe Sense Voltage 5vdc continuous

Output Characteristics

Relay Output Rating: 480VA @ 240VAC, B300
Pilot Duty 7A @ 240VAC

General Characteristics

Temperature Range -20° to 55°C (-4° to 131°F)
Maximum Input Power 4 W
Wire range 12 to 20 AWG
Terminal Torque 4.5 in.-lbs. (max.)
Pump In-rush delay 2 seconds

Standards Passed

Electrostatic Discharge (ESD) IEC 61000-4-2, Level 3, 6kV contact, 8kV air.

Radio Frequency

Immunity (RFI) IEC 61000-4-3, Level 3, 10V/m
Fast Transients IEC 61000-4-4, Level 3, 4kV input power
2kV inputs/outputs

Safety Marks

UL UL508 (File #E68520)

Dimensions

H 94.06 mm (3.703"); **W** 127.64 mm (5.025");
D 59.69 mm (2.35")

Weight

1.2 lbs. (19.2 oz., 544.31 g)

Mounting Method

35 mm DIN rail or Surface Mount
(#6 or #8 screws)

*Note: 50Hz will increase all delay timers by 20%.