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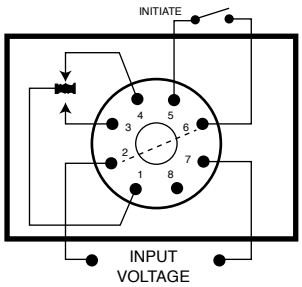
PRS65

Single Shot Timer

8-PIN

Wiring Diagram



OCTAL, SPDT

Description

The PRS65 is a single shot time delay relay for use on non-critical timing applications. The knob adjustable time delay carries a guaranteed time range of up to 8 minutes.

Operation

Power must be applied to the input at all times prior to and during timing. Upon closure of the initiate switch (momentary or maintained) the output contacts transfer and the time delay is initiated. At the end of the delay interval, the output contacts revert to their original position. If the initiate switch is reclosed during timing, the time delay will not be affected.

Features & Benefits

- Electronic Circuit with Electromechanical Relay
- Popular Operating Voltages
- Octal Plug-in
- Hold Down Clamps Available

Accessories

BZ1 Front Panel Mount Kit
Provides an easy method of through-the-panel mounting of 8- or 11-pin plug-in timers, flashers, and other controls.

NDS-8 Octal 8-pin Socket
8-pin 35mm DIN rail or surface mount. Surface mounted with two #6 (M 3.5 x 0.6) screws or snaps onto a 35 mm DIN rail. Uses PSC8 hold-down clips.

Specifications

Time Delay

Type	Analog circuitry
Range	7 to 480 seconds
Repeat Accuracy	±2% under fixed conditions
Tolerance	Knob adjustable: guaranteed range
Reset Time	80ms max.
Recycle Time	
After Timing	16ms max.
During Timing	0.1% of max. time delay or 75ms, whichever is greater
Time Delay vs. Temp. & Voltage	15% max.

Input

Voltage	230VAC, nominal
Tolerance	±15% of nominal
AC Line Frequency	50/60 Hz

Output

Type	Relay
Form	Single Pole, Double Throw
Rating	10 amperes resistive at 240VAC

Protection

Transient	±1500 volts for 150 microseconds
Dielectric Breakdown	≥1500 V rms min. at 60 Hz between input and output terminals

Mechanical

Mounting	Plug in (hold-down clips for panel mounting also available)
Termination	Standard Octal Plug-in
Dimensions	**H** 92.2 mm (3.63"); **W** 60.45 mm (2.38"); **D** 44.45 mm (1.75")

Environmental

Operating/Storage Temperature	-20° to 65°C / -30° to 85°C
Humidity	95% relative, non-condensing
Weight	Approx. 6 oz (170 g)