# **PRS65**

# Single ShotTimer

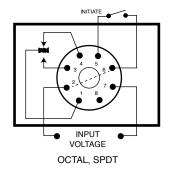








Wiring Diagram



## **Description**

The PRS65 is a single shot time delay relay for use on noncritical 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 holddown 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

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

#### **Protection Transient**

Dielectric Breakdown

Mechanical Mounting

**Termination** 

**Dimensions** 

**Environmental** Operating/Storage

**Temperature** Humidity Weight

±1500 volts for 150 microseconds

≥1500 V rms min. at 60 Hz between input and output terminals

Plug in (hold-down clips for panel mounting

also available)

Standard Octal Plug-in **H** 92.2 mm (3.63"); **W** 60.45 mm (2.38");

**D** 44.45 mm (1.75")

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