



# THE DATASHEET OF TSDS2110S



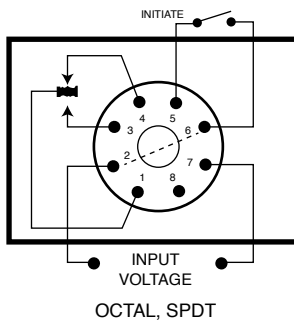
# PRS65

## Single Shot Timer



8-PIN

### Wiring Diagram



### 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

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

#### Time Delay vs. Temp. & Voltage

15% max.

#### Input

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

#### Output

<b>Type</b>	Relay
<b>Form</b>	Single Pole, Double Throw
<b>Rating</b>	10 amperes resistive at 240VAC

#### Protection

<b>Transient</b>	±1500 volts for 150 microseconds
<b>Dielectric Breakdown</b>	≥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 Dimensions

Standard Octal Plug-in  
**H** 92.2 mm (3.63"); **W** 60.45 mm (2.38");  
**D** 44.45 mm (1.75")

#### Environmental

##### Operating/Storage

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

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