# Chipsmall

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!

## Contact us

## PRS65

### Single Shot Timer



8-PIN

### Wiring Diagram



INITIATE

INPUT VOLTAGE

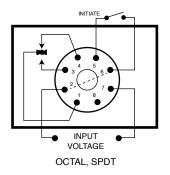OCTAL, SPDT

## 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) |