



Solving your relay requirements since 1922

Amperite Co.

(800) 752-2329  
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## SWPDC Series TDR

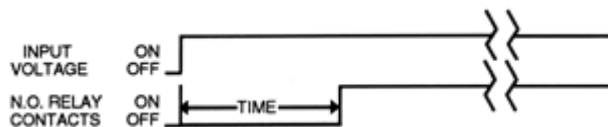


- ... Solid state CMOS digital circuitry
- ... Delay on operate timing mode
- ... DPDT (2 form C) isolated 10 ampere relay contacts
- ... Timing selection: 5 position binary coded Dip Switch plus vernier knob adjustment
- ... Twenty overlapping timing ranges covering .25 secs. to 160 hours.
- ... UL File#E96739 (M)
- ... CSA File #LR62586

### Timing Mode:

Delay on operate timing cycle begins upon application of input power. The relay contacts transfer at the end of the delay period and will remain transferred until input voltage is removed. Reset occurs when input voltage is removed.

### Timing Diagram:



### Contact Information:

Arrangement: 2 form C (DPDT) - Diagram C

Contact Material: Silver - Cadmium Oxide

Rating (Resistive): 10A @ 240V AC Resistive, 15A @ 30V DC Resistive, 15A @ 120V AC Resistive, 1/3 HP @ 120V AC, 1/2 HP @ 250V AC

Expected Life @ 25°C: 10 Million operations, Mechanical 100,000 operations minimum at rated loads

### Environmental Information:

Temperature Range: Storage: -60°C to +105°C (-76°F to +221°F) Operating: -45°C to +70°C (-49°F to +158°F)

### Mechanical Information:

Termination: 8 pin Octal Style Plug or 11 pin spade terminals. (Diagram C&D).



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Enclosure: White plastic case with a dial scale for reference only. LSWPDC version has a black case.

Weight: 4oz (114g) approx.

**Outline Dimensions:**

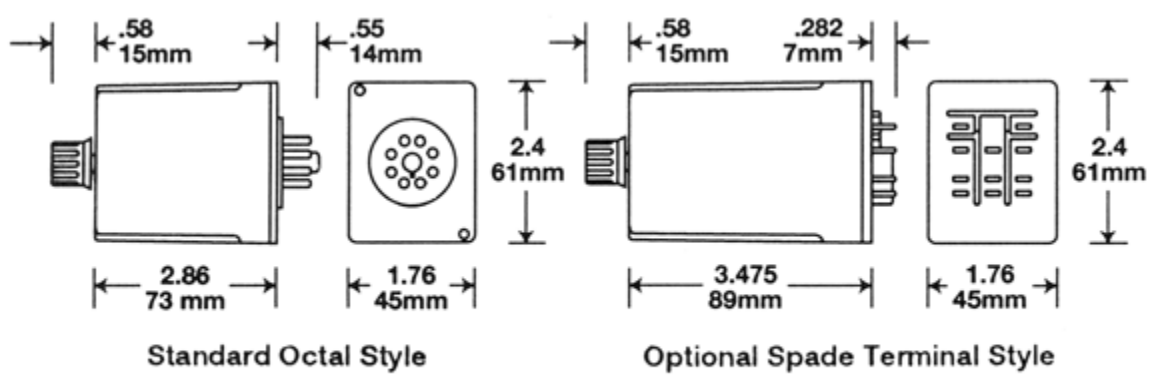


Diagram A

Diagram B

**Timing Specifications:**

Standard Timing: The SWPDC has 20 overlapping timing ranges covering 0.25 secs. to 160 hours. Timing is user selectable by means of a 5 position binary coded Dip Switch and a knob adjustable potentiometer allowing the time delay within the selected timing range to be set precisely.

Timing Adjustment: 5 position binary Dip Switch coded as follows:

Timing Range	Measure	Switch Setting 12345
.25 - 1.25	Seconds	00101
.5 - 2.5	Seconds	10101
1 - 5 Sec.	Seconds	01101
2 - 10	Seconds	11101
4 - 20	Seconds	00011
8 - 40	Seconds	10011
16 - 80	Seconds	01011





