FEATURES
- Microcontroller Based Circuitry
- Accumulates 1 to 15 Coins
- Multiple Time Delay Selection
- Dual Control: No Interfacing Totalizer and Timer
- Encapsulated To Withstand Harshest Environment
- 0.5% Repeat Accuracy
- Contacts Rated Up To 20 amps 2HP @ 240 VAC
- UL and cUL Recognized

SPECIFICATIONS
1. Time Delay.
   1.1 Range: 2 Ranges available (see ordering information)
   1.2 Adjustment: Knob Adjust 1-5 minutes
   Dip Switch Adjust 1-1023 seconds
   1.3 Repeat accuracy: ±0.5% under fixed conditions
   1.4 Setting accuracy:
      Knob ± 5%
      Binary DIP Switch ±1%
   1.5 Recycle time: 500 milliseconds
   1.6 Time delay vs. voltage and temperature: ± 2%

2. Input.
   2.1 Operating voltage: 24, 120, 230 & 24/120 VAC (see ordering information)
   2.2 Tolerance: ± 20% of nominal
   2.3 Frequency: 50 - 60 Hertz

3. Output.
   3.1 Type: High power electromechanical relay
   3.2 Form: SPST, N.O. non-isolated
   3.3 Rating: 20 amperes, 1HP @ 120 VAC, 2HP @ 240 VAC
   3.4 Life: Electrical - full load - 100,000 operations
          Mechanical - 1,000,000 operations

   4.1 Switch Type: Mechanical or Electronic
   (counts on closure of switch, consult factory for proper connections to electronic switches)
   4.2 Minimum Switch Closure Time: 25 milliseconds
   4.3 Minimum Switch Open Time (between closures): 20 milliseconds minimum
   4.4 Count Range: 1 to 15 switch closures
   4.5 Count Adjustment: 4 position Binary DIP switch

5. Protection
   5.1 Transient: Movistor protected to 10 joules
   5.2 Dielectric breakdown: 1500 volts RMS minimum

6. Mechanical.
   6.1 Mounting: End mounting ears #8 screw clearance (2 places)
   6.2 Termination: (6) #6 screw terminals

7. Environmental.
   7.1 Operating temperature: -20°C to +80°C
   7.2 Storage temperature: -30°C to +85°C
   7.3 Humidity: 95% relative non-condensing

8. Impulse counter output.
   8.1 Type: Solid state
   8.2 Form: SPST, N.O.
   8.3 Rating: 100 milliamperes maximum
   Note: Impulse counter must be rated at 6VA max.
   and must operate on same voltage as timer.
**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>INPUT VOLTAGE</th>
<th>ADJUSTMENT</th>
<th>CANCEL BUTTON</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASCR</td>
<td>4 - 24 VAC</td>
<td>0 - Knob (1 to 5 Minutes)</td>
<td>N/A</td>
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<tr>
<td></td>
<td>5 - 120 VAC</td>
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<td>6 - 230 VAC</td>
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<td></td>
<td>8 - 24/120 VAC</td>
<td>4 - Binary Dip Switch (1 to 1023 Seconds)</td>
<td>C</td>
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</tbody>
</table>

**INPUT VOLTAGE OPTION 8 - 24/120VAC**

**CONNECTION DIAGRAMS**

- **KNOB ADJUSTMENT**
- **BINARY DIP SWITCH ADJUSTMENT**

- **NOTE**
  - When using on 120VAC, ensure wire does not touch any surrounding metal or terminals.

- **Connect wire to Terminal 1 for 24VAC**
  - 24VAC CONNECTION

- **Wire is not used for 120VAC**
  - 120VAC CONNECTION