The Series 820 DIN Rail Mountable Time Delay Relays can be configured in accordance with 10 different timing functions. Bright red and green LEDs indicate whether the input has been triggered and if the output is active. For greater accuracy, there are 10 time scales and a fine adjustment potentiometer that allows adjustment down to 0.1 seconds. Integral mounting ears allow the Series 820 to mount directly to a DIN rail.

### SPECIFICATIONS

**Operating and Load Voltage Range:** 12 to 240 VAC / VDC.

**Electrical Rating:** 15 A @ 240 VAC, 24 VDC.

**Timing Rating:**
- Functions available: A, B, C, D, E, F, G, H, I, J (10 for total);
- Time ranges: 0.1 sec to 10 days.

**Electrical Connection:** Screw terminals.

**Switching Operation:** SPDT or DPDT.

**Temperature Limits:**
- Storage: -22 to 158°F (-30 to 70°C);
- Operation: -4 to 131°F (-20 to 55°C).

**Power Consumption:** 3 VA (AC) or 1.7 W (DC).

**Housing:** Plastic polycarbonate.

**Weight:** 2.3 oz (65 g).

**Agency Approvals:** CE, RoHS, cUL, UL.

### Model Specifications

<table>
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<tr>
<th>Model</th>
<th>Contact Configuration</th>
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<tbody>
<tr>
<td>821TD10H-UNI</td>
<td>SPDT</td>
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<tr>
<td>822TD10H-UNI</td>
<td>DPDT</td>
</tr>
</tbody>
</table>

### ACCESSORIES

- 70-750DLB-1, Socket for 750H and TDRSOX/SRX Series Relay
- 70-ASMM-24, Protection Modules, MOV Supressor, 24 VAC/VDC
- 70-ASMM-120, Protection Modules, MOV Supressor, 120 VAC/VDC
- 16-750/788CBJ-1, Coil Bus Jumpers

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The Series TDRSOX/SRX Time Delay Relay combines the functionality of a timer and a relay in a compact socket mount enclosure. For quick set up, the timer features DIP switches that allow the user to choose between two function modes and eight timing scale ranges. TDRSOX models offer On Delay and Interval function modes, and TDRSRX models offer Off Delay and Retriggerable One Shot function modes. The timing scale ranges can be set from .1 seconds to 10 hours. The dual LEDs allow the user to know when power is present at the coil and when the output is energized.

### SPECIFICATIONS

**Operating and Load Voltage Range:** 24, 120 VDC/VAC.

**Electrical Rating:** 12 A, 120 to 240 VAC/30 VDC.

**Switching Voltage:** 120 to 240 VAC, 50/60 Hz; 30 VDC; 1/3 HP @ 120 VAC; 1/2 HP @ 240 VAC; B300 pilot duty.

**Functions Available:**
- A, C (On delay, interval);
- D, E (Off delay, one shot).

**Timing Rating:** Time Ranges: 0.1 sec to 10 hr.

**Electrical Connection:** Silver alloy contacts.

**Switching Operation:** DPDT.

**Temperature Limits:**
- Storage: -22 to 185°F (-20 to 85°C);
- Operation: -4 to 131°F (-20 to 55°C).

**Power Consumption:** 5 VA; 2.5 W.

**Weight:** 3 oz (85g).

**Agency Approvals:** RoHS, cUL, UL, cUR, UR.