Magnecraft

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Item # TDRSRXP-240A, TDRSRXP Octal Time Delay Relays/ DPDT 12 Amp Rating

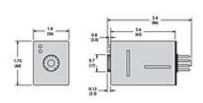
TDRSRXP Octal Time Delay Relays/ DPDT 12 Amp Rating

The TDRSOX/SRX Series are dual-function, dual-voltage time delay relays offering a wide timing range. These timers feature DIP switches allowing the user to set function modes and choose between eight separate time scales. Dual adjustment design allows for flexibility and timing accuracy. Dual LEDs indicate when power is present at the coil and when the output is energized.

Functions

- The SOX series features On Delay and Interval functions.
- The SRX series features Off Delay and Retriggerable One Shot functions.





<u>SPECIFICATIONS</u> <u>OUTPUT CHARACTERISTICS</u> <u>INPUT CHARACTERISTICS</u> <u>PERFORMANCE</u> <u>CHARACTERISTICS</u> <u>ENVIRONMENT</u>

SPECIFICATIONS

| Type of Device | Time Delay |
|---------------------|-------------------|
| Terminal Style | 11 Pin Octal Base |
| Input Voltage Range | 240 VAC |
| Timing Range | 0.1s to 10h |
| Rated Current Load | 12 A |

OUTPUT CHARACTERISTICS

| Contact Configuration | DPDT |
|-----------------------------------|--|
| Contact Materials | Silver Alloy |
| Current Rating at 240 VAC, 24 VDC | 12 A |
| Switching Voltage | 240 VAC, 50/60 Hz 30 VDC |
| Switching Voltage [hp] | 1/2 hp at 240 VAC 1/3 hp at 120 VAC |
| Switching Voltage (Pilot Duty) | B300 |
| Indication (LED) | Red |

INPUT CHARACTERISTICS

| Operating Range - % of Nominal | 85 to 110 % |
|---|--|
| Maximum Consumption AC | 5 VA |
| Maximum Consumption DC | 2.5 W |
| Indication (LED) | Green |
| Functions Available | D - Off Delay (S Break) E - Retriggerable One Shot |
| Time Scales | 8 |
| Time Ranges Available | 0.1 to 1 s 1 to 10 s 10 to 100 s 0.1 to 1 min 1 to 10 min 10 to 100 min 0.1 to 1 H 1 to 10 H d |
| Tolerance, Mechanical Setting | 10 % |
| Repeatability, Constant Voltage and Temperature | 1 % |
| Reset Time, Maximum | 150 ms |
| Trigger Pulse Length, Minimum | 50 ms |

PERFORMANCE CHARACTERISTICS

| Electrical Life (UL508), Operations at Rated Current (Resistive) | 100000 |
|--|----------|
| Mechanical Life, Unpowered | 10000000 |
| Dielectric Strength - Input to Contacts | 2500 VAC |
| Dielectric Strength - Between Open Contacts | 1000 VAC |

ENVIRONMENT

| Product Certifications, Standard Version | CE UR |
|---|---------------|
| Ambient Air Temperature around the Device - Operation | -20 to +55 °C |
| Ambient Air Temperature around the Device - Storage | -20 to +85 °C |
| Degree of Protection | IP 40 |