

Magnecraft

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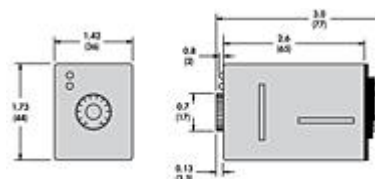
Item # TDRSOXB-12V, TDRSOXB Blade Style Time Delay Relays/ DPDT 12 Amp Rating

TDRSOXB Blade Style 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.



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SPECIFICATIONS

Type of Device	Time Delay
Terminal Style	8 Blade Square Base
Input Voltage Range	12 VAC / VDC
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	C - Interval (Power On)
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
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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
