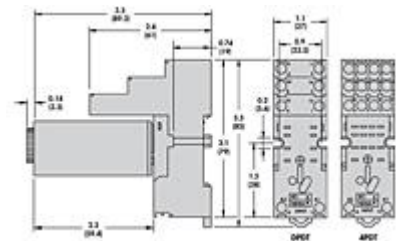


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Item # TDR782XBXA-12D, TDR782 Time Delay Relay/ DPDT 5 Amp Rating

TDR782 Time Delay Relay/ DPDT 5 Amp Rating

The miniature TDR782 features a screw driver adjustable knob allowing users to choose from 7 timing ranges and a large knob on top to fine tune the timing setting. Dual LEDs indicate when power is present at the coil and when the output is energized.



[SPECIFICATIONS](#) · [OUTPUT CHARACTERISTICS](#) · [INPUT CHARACTERISTICS](#) · [PERFORMANCE CHARACTERISTICS](#) · [ENVIRONMENT](#)

SPECIFICATIONS

Type of Device	Time Delay
Input Voltage Range	12 VDC
Timing Range	0.1s to 100h
Number of Functions	1 (On Delay)
Rated Current Load	5 A

OUTPUT CHARACTERISTICS

Contact Configuration	DPDT
Contact Materials	Silver Alloy
Current Rating	5 A
Maximum Permissible Current (	10 A

Indication (LED)	Amber
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INPUT CHARACTERISTICS

Maximum Consumption AC	(at 120 AC) 2.6 VA (at 230 AC) 3 VA (at 24 AC) 1.7 VA
Maximum Consumption DC	(at 12 DC) 1.5 W (at 24 DC) 1.2 W
Indication (LED)	Green
Functions Available	A - On Delay (Power On)
Time Scales	7
Time Ranges Available	0.1 to 1 s 1 to 10 s 0.1 to 1 min 1 to 10 min 0.1 to 1 H 1 to 10 H 10 to 100 H d
Tolerance, Mechanical Setting	5 %
Repeatability, Constant Voltage and Temperature	0.5 %
Temperature Drift	0.05 % / °C
Reset Time, Maximum	50 ms

PERFORMANCE CHARACTERISTICS

Electrical Life (UL508), Operations at Rated Current (Resistive)	100000
Mechanical Life, Unpowered	10000000
Dielectric Strength - Input to Contacts	2000 VAC

ENVIRONMENT

Product Certifications, Standard Version	CE CSA UR
Ambient Air Temperature around the Device - Operation	-20 to +60 °C
Ambient Air Temperature around the Device - Storage	-40 to +70 °C
Degree of Protection	IP 50