

191 Waukegan Rd, Ste 206
Northfield, IL 60093-2743

Phone: (847)441-2526

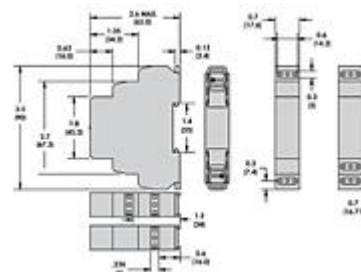
Fax: (847)441-2522

Email: info@magnecraft.com

Item # 822TD10H-UNI, 820 Series Time Delay Relays / DPDT 15 Amp Rating

820 Series Time Delay Relays / DPDT 15 Amp Rating

The 822 time delay relay is a DIN rail mountable product offering 10 different timing functions with an ultra-wide timing range (0.1 sec to 10 days), a universal voltage input (12-240 VAC/VDC) and 2 status LEDs.



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SPECIFICATIONS

Type of Device	Time Delay
Input Voltage Range	12 to 240 VAC / VDC
Timing Range	0.1s to 10day
Number of Functions	10
Rated Current Load	15 A

OUTPUT CHARACTERISTICS

Contact Configuration	DPDT
Contact Materials	Silver Alloy
Current Rating at 240 VAC, 24 VDC	15 A
Switching Voltage	24 VDC

	240 VAC, 50/60 Hz
Switching Voltage [hp]	1 hp at 240 VAC 1/2 hp at 120 VAC
Switching Voltage (Pilot Duty)	B300
Indication (LED)	Red

INPUT CHARACTERISTICS

Operating Range - % of Nominal	85 to 110 %
Maximum Consumption AC	3 VA
Maximum Consumption DC	1.7 W
Indication (LED)	Green
Functions Available	B - Repeat Cycle (Starting Off) C - Interval (Power On) D - Off Delay (S Break) E - Retriggerable One Shot F - Repeat Cycle (Starting On) G - Pulse Generator H - One Shot I - On/Off Delay (S Make/Break) J - Memory Hold (S Make)
Time Scales	10
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 0.1 to 1 d 1 to 10 d
Tolerance, Mechanical Setting	5 %
Repeatability, Constant Voltage and Temperature	0.2 %
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
Terminal Wire Capacity	14 AWG 2.1 mm ²
Terminal Torque (Maximum)	7.1 in lb 0.8 N·m

ENVIRONMENT

Product Certifications, Standard Version	CE UL
Ambient Air Temperature around the Device - Operation	-20 to +55 °C
Ambient Air Temperature around the Device - Storage	-30 to +70 °C
Degree of Protection	IP 20
