



Schneider Electric Relays

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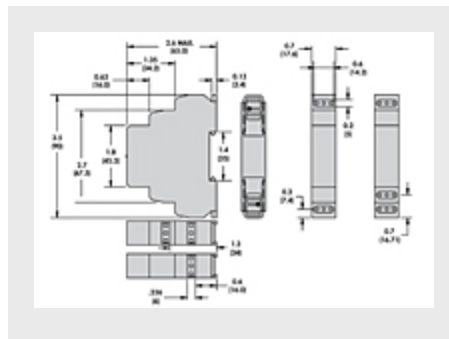
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ITEM # 822TD10H-UNI, 820 SERIES TIME DELAY RELAYS / DPDT, 15 AMP RATING

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

Check Inventory

[Check Distributor Inventory](#)

Status

Standard

Type of Device

Time Delay

Rated Current Load

15 A

Timing Range

0.1s to 10day

Number of Functions

10

California Proposition 65 Warning



WARNING: This product can expose you to chemicals including:

Substance 1: Nickel compounds, which is known to the State of California to cause cancer.

Substance 2: DIDP, which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to www.p65warnings.ca.gov

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	1.70 W
Indication (LED)	Green
Functions Available	A - On Delay (Power On) 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	0.20 %
Reset Time, Maximum	150 ms

Trigger Pulse Length, Minimum	50 ms
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Performance Characteristics	—
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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 2.10 mm_
Terminal Torque (Maximum)	7.10 in lb

Environment	—
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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

Product Certifications	—
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Agency Approvals	UL (E234203) CE (per IEC 61810-1) RoHs
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