



Schneider Electric Relays

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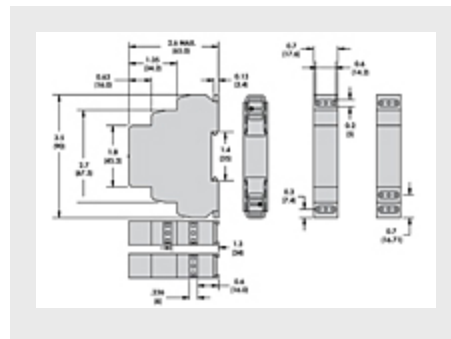
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ITEM # 822TD10H-UNI, 820 SERIES TIME DELAY RELAYS / DPDT, 15 AMP RATING

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

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
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Switching Voltage [hp]	1 hp at 240 VAC 1/2 hp at 120 VAC
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Switching Voltage (Pilot Duty)	B300
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Indication (LED)	Red
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Input Characteristics

Operating Range - % of Nominal	85 to 110 %
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Maximum Consumption AC	3 VA
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Maximum Consumption DC	1.70 W
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Indication (LED)	Green
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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)
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Time Scales	10
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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
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Tolerance, Mechanical Setting	5 %
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Repeatability, Constant Voltage and Temperature	0.20 %
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Reset Time, Maximum	150 ms
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Trigger Pulse Length, Minimum	50 ms
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Performance Characteristics

Electrical Life (UL508), Operations at Rated Current (Resistive)	100000
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Mechanical Life, Unpowered	10000000
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Dielectric Strength - Input to Contacts	2500 VAC
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Dielectric Strength - Between Open Contacts	1000 VAC
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Terminal Wire Capacity	14 AWG 2.10 mm ₂
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Terminal Torque (Maximum)	7.10 in lb
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Environment -

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

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