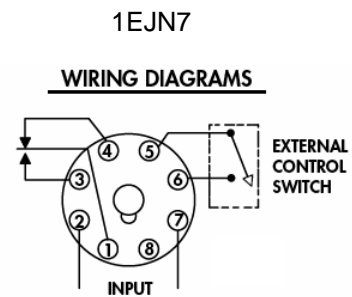
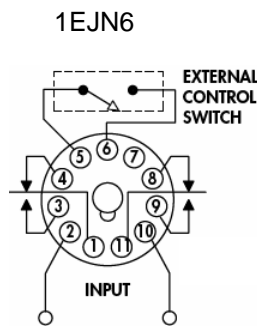


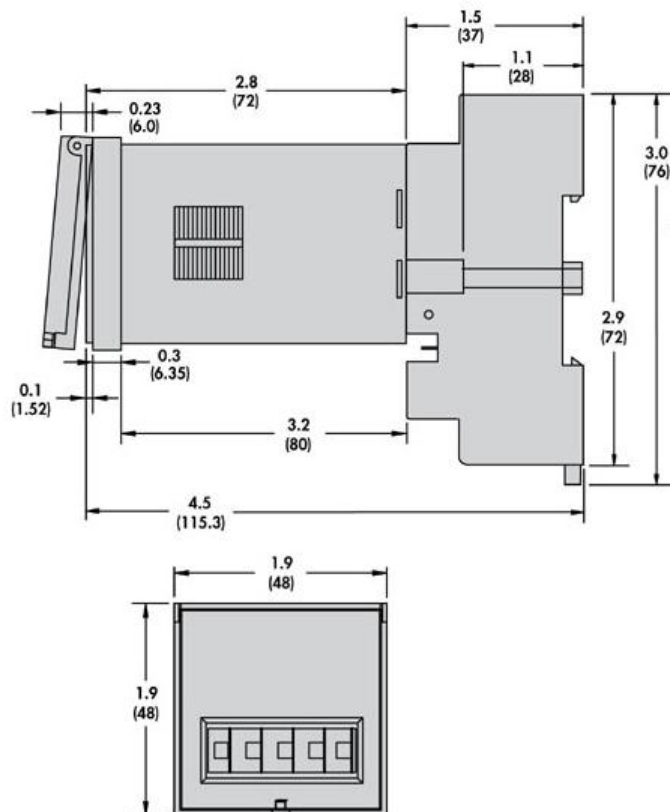
**1EJN6 & 1EJN67 Time Delay Relays/SPDT, DPDT 12 Amp Rating**

*Supersedes 1FD13*

The **1EJN6 & 1EJN67** are programmable multi-function, multi-voltage time delay relays with multiple time ranges for the ultimate in flexibility. The 1EJN6 features thumb wheel adjustment for impeccable accuracy. The two indicator LEDs allow the user to know when power is present at the coil, output is energized or if the relay is performing one of its 10 timing functions.

- Offers a “one stop solution” for your power management system.
- Several configurations available to meet your individual needs.
- Switching capabilities up to 12 amps.
- The broad timing range meets most timing requirements.
- The 12 to 240 VAC/VDC input voltage range enables this timer to work with all popular voltages.
- The two LED status indicators; indicate status at a glance. The green LED is on when power is applied to the input terminals. The red LED blinks during timeout and is on when the output is energized.
- The tamper proof dust cover retains the settings and keeps the dust out.
- The thumb wheel adjustment for function and timing ensures accuracy and eliminates mechanical deviation.
- Color and appearance designed to high visibility in all environments.
- Engineering availability allows for customized control system solutions.





**Specifications**

Type of Device	Time Delay
Input Voltage Range	12 to 240 VAC / VDC
Timing Range	0.1s to 9990h
Number of Functions	10
Rated Current Load	12 A

**Output Characteristics**

Contact Configuration	DPDT
Contact Materials	Silver Alloy

<b>Current Rating at 240 VAC, 30 VDC</b>	12
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<b>Switching Voltage</b>	240 VAC, 50/60 Hz 30 VDC
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<b>Switching Voltage [hp]</b>	1/2 hp at 240 VAC 1/3 hp at 120 VAC
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<b>Switching Voltage (Pilot Duty)</b>	B300
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<b>Minimum Switching Requirement</b>	100 mA
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<b>Indication (LED)</b>	Red
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**Input Characteristics**

<b>Operating Range - % of Nominal</b>	85 to 115 %
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<b>Maximum Consumption AC</b>	2.5 VA
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<b>Maximum Consumption DC</b>	2 W
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<b>Indication (LED)</b>	Green
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<b>Functions Available</b> 	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 Latch (S Make)
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<b>Time Scales</b>	7
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<b>Time Ranges Available</b>	(0.1 s) 0 to 999 s (0.1 min) 0 to 999 min (0.1 h) 0 to 999 H (10 h) 0 to 999 H
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<b>Tolerance, Mechanical Setting</b>	0 %
<b>Repeatability, Constant Voltage and Temperature</b>	0.1 %
<b>Operate Time, Maximum</b>	25 ms
<b>Reset Time, Maximum</b>	25 ms
<b>Reset Time</b>	150 ms

**Performance Characteristics**

<b>Electrical Life (UL508), Operations at Rated Current (Resistive)</b>	100000
<b>Mechanical Life, Unpowered</b>	10000000
<b>Dielectric Strength - Input to Contacts</b>	2500 VAC
<b>Dielectric Strength - Between Open Contacts</b>	1000 VAC

**Environment**

<b>Product Certifications, Standard Version</b>	CE UR
<b>Ambient Air Temperature around the Device - Operation</b>	-20 to +55 °C
<b>Ambient Air Temperature around the Device - Storage</b>	-30 to +70 °C
<b>Degree of Protection</b>	IP 40