



## Struthers-Dunn

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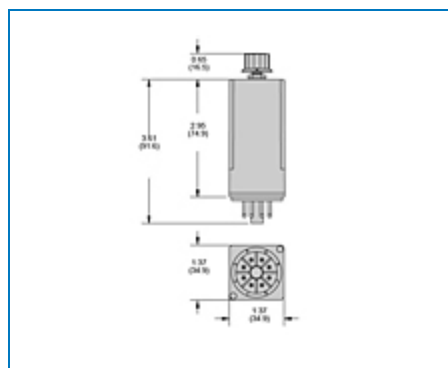
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# Item # 327XAX48P-300-120VAC, 326/327 Series - Time Delay Relays

The 326 on delay and 327 off delay are “octal” base constructed time delay relays. Both AC and DC versions are available. On delays can have up to three poles. The timing circuit is a fully encapsulated precision RC (resistor – capacitor) network typically used in applications where oscillators are not desired. Fixed time versions are available. Single pole and double pole versions have 8 pin bases. The 3 pole version has 11 pins. All are intended for socket mounting.

Additional contact configurations and coil options are available – please use the RFQ/RFI tab above to submit your request.



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## Specifications

Series

327

<b>Contact Arrangement</b>	XAX (SPDT) - (1 form C)
<b>Construction Style</b>	Octal style plug-in
<b>Timing Range</b>	30 - 300 s
<b>Operating Voltage</b>	120 VAC

## Timing

<b>Functions Available</b>	Off-delay
<b>Time Range</b>	Up to 300 seconds
<b>Timing Adjustment</b>	Knob
<b>Timing Repeatability (Constant voltage and temperature)</b>	3%
<b>Reset Time maximum</b>	150
<b>Input Pulse Length minimum</b>	50

## Contacts

<b>Contact Configuration</b>	SPDT, DPDT, 3PDT
<b>Contact Material</b>	Silver Alloy
<b>Contact Rating</b>	10 A
<b>Contact Rating 120 / 240VAC Resistive</b>	10 A / 10 A
<b>Contact Rating 28VDC Resistive</b>	10 A
<b>Contact Rating Motor 120VAC</b>	1/3 hp
<b>Contact Rating Motor 240VAC</b>	1/2 hp
<b>Minimum Contact Load</b>	500 mW
<b>Contact Resistance, Initial</b>	100 milliohms max at 6VDC, 1A

## Coil

Coils Available	AC and DC
Transient Protection	Yes
Reverse Polarity Protection	Yes
Nominal Coil Power AC	2.75 VA
Nominal Coil Power DC	2 W
Input Voltage Tolerance - AC	85% to 110% of nominal
Input Voltage Tolerance - DC	80% to 110% of nominal
Duty	Continuous

## Dielectric Strength

Across Open Contacts	500 Vrms
Between Mutually Insulated Point	1500 Vrms
Insulation Resistance	1,000 Mohms min at 500VDC

## Temperature

Operating	-20 to 70 °C -4 to 158 °F
Storage	-40 to 85 °C -40 to 185 °F

## Life Expectancy

Electrical (full load)	100,000
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**Mechanical (no load)**

10,000,000

**Miscellaneous****Mounting Position**

Any

**Mating Socket**

8 pin = SK-CIR8-DS

11 pin = SK-CIR11-DS

**Enclosure**

Clear Polycarbonate

**Weight**

5.0 oz

142 g