



Struthers-Dunn

407 East Smith Street, Suite B
Timmonsville, SC 29161

Telephone: (843)346-4427

Fax: (843)346-4465

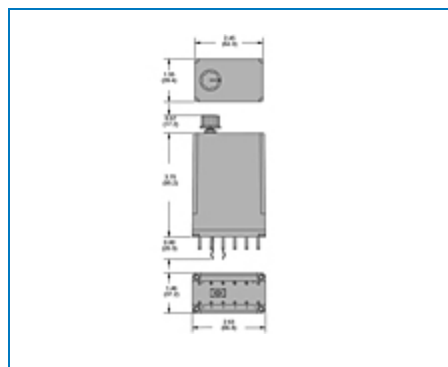
Email: info@struthers-dunn.com

Website: www.struthers-dunn.com

Item # 247XCXPL-030-125VDC, 246/247 Series - Timer Delay Relays

Rugged, industrial time delay versions of the popular 219 series. Contacts can be configured up to four pole double throw or six pole single throw. Time ranges are adjustable over a 1:10 range. Knob adjustment and integral hold down clip are standard. A large option list makes this product easily customized for special applications.

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

[Specifications](#) | [Timing](#) | [Contacts](#) | [Coil](#) | [Dielectric Strength](#) | [Temperature](#) | [Life Expectancy](#) | [Miscellaneous](#)

Specifications

Series	247
Contact Arrangement	XCX (3PDT) - (3 form C)

Mounting Options	Plug in with polycarbonate cover Indicator Lamp
Adjustment Options	Adjustment knob
Operating Voltage	125 VDC

Timing

Functions Available	On-delay, Off-delay
Time Range	Up to 10 minutes
Timing Adjustment	Knob
Timing Repeatability (Constant voltage and temperature)	3%
Reset Time maximum	150
Input Pulse Length minimum	50

Contacts

Contact Configuration	DPDT, 4PDT, 6PST
Contact Material	Silver Alloy Gold Diffused
Contact Rating	10 A
Contact Rating 120 / 240VAC Resistive	10 A / 5 A
Contact Rating 28VDC Resistive	10 A
Minimum Contact Load	500 mW
Contact Resistance, Initial	100 milliohms max at 6VDC, 1A

Coil

Coils Available	AC and DC
Transient Protection	Yes
Reverse Polarity Protection	Yes
Nominal Coil Power AC	5 VA
Nominal Coil Power DC	2.5 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 105 °C -40 to 221 °F

Life Expectancy

Electrical (full load)	100,000
Mechanical (no load)	10,000,000

Miscellaneous

Mounting Position	Any
Mating Socket	12 pin = 27390, 27390D 14 pin = 33377, 33377D
Accessories	Hold down clip integral to relay
Enclosure	Clear Polycarbonate
Weight	8.6 oz 244 g