

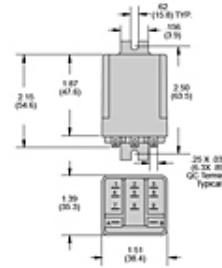
**Struthers-Dunn**

407 East Smith Street - Suite B

Timmonsville, SC 29161 US

**Phone:** (843) 346-4427 • **Fax:** (843) 346-4465**E-Mail:** info@struthers-dunn.com • **Web site:** www.struthers-dunn.com**Item # 388ACQSOX-2-120VAC, 388 Series - Time Delay Relays**

The 388 timers are square base, bladed versions of time delay relays. On delay, off delay and interval functions are all available with either AC or DC inputs. On delay and interval products can have up to three poles. Off delays have two poles. The timing circuit is oscillator based. Fixed time and externally adjustable versions. Both socket and flange mount versions are available.

**For Additional Configuration please contact the manufacturer.**

· [SPECIFICATIONS](#) · [TIMING](#) · [CONTACTS](#) · [COIL](#) · [DIELECTRIC STRENGTH](#) · [TEMPERATURE](#) · [LIFE EXPECTANCY](#) · [MISCELLANEOUS](#)

**SPECIFICATIONS**

Series	388
Type	On delay surface mount flange style
Nominal Input Voltage	120 VAC

**TIMING**

Functions Available	On-delay, Off-delay, Interval
Timing Range	1.0 to 120 s
External Resistor	20,000 ohms/s
Timing Adjustment	Knob or external R
Timing Repeatability (Constant voltage and temperature)	0.1%
Reset Time maximum	150

Input Pulse Length minimum	50
----------------------------	----

## CONTACTS

Contact Configuration	2PDT, 3PDT
Contact Material	Silver Alloy
Contact Rating	12 A
Contact Rating 120 / 240VAC Resistive	12 A / 12 A
Contact Rating 28VDC Resistive	12 A
Contact Rating Motor 120VAC	1/3 hp
Contact Rating Motor 240VAC	1/2 hp
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	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 55 °C -4 to 131 °F
Storage	-40 to 85 °C -40 to 185 °F

## LIFE EXPECTANCY

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

## MISCELLANEOUS

Mounting Position	Any
Mating Socket	SK-SQB11-DS
Enclosure	Opaque Polycarbonate
Weight	4.0 oz 113 g