388 Series - Time Delay Relay 2PDT, 3PDT, 12 Amp



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.



GENERAL SPECIFICATIONS (@ 25° C)

Timing: Functions Available Time Range Timing Adjustment Timing Repeatability (Constant voltage and temperature) Reset Time maximum Input Pulse Length minimum

Contacts: Contact Configuration Contact Material Contact Rating 120 / 240VAC Resistive 28VDC Resistive Motor 120VAC Motor 240VAC Minimum Contct Load Minimum Contct Load Contact Resistance, Initial

Coil:

Coils Available Nominal Coil Power Input Voltage Tolorance -AC Input Voltage Tolorance -DC Transient Protection **Reverse Polarity Protection** Duty

Dielectric Strength:

Across Open Contacts Between Mutally Insulated Points Insulation Resistance 500Vrms 1500Vrms 1,000 Mohms min @ 500VDC

Temperature: Operating Storage

Life Expectancy: Electrical (full load operations) Mechanical (no load operations)

Miscellaneous: Mounting Position Mating Socket Enclosure Weight

Any SK-SQB11-DS Opaque Polycarbonate 4.0oz (113 grams)

On-delay, Off-delay, Interval Up to 180 minutes Knob or external R 0.1%

150mS 50mS

2PDT, 3PDT Silver Alloy 12 Amp / 12 Amp 12 Amp 1/3Hp 1/2Hp

500mW

100 milliohms max @ 6VDC, 1A

AC and DC 2.75VA 2W

85% to 110% of nominal 80% to 110% of nominal

Yes

Yes

Continuous

-20 to 55°C (-4 to 131°F) -40 to 85°C (-40 to 185°F)

100,000 10,000,000



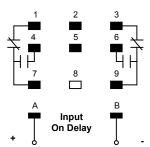
Knob Adjustable



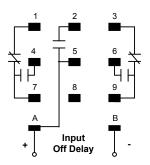
Externally Adjustable

388TD Wire Diagram

On Delay



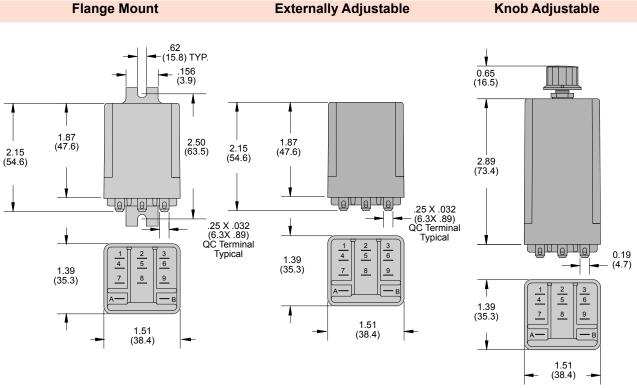
Off Delay - External Adjustable





www.struthers-dunn.com (843) 664-3303

Timer / Sensor - Time Delay & Sensor Relays 5 - 25 Amp



Outline Dimensions

Dimensions Shown in inches & (millimeters)

Knob Adjustable

388TD Part Number Chart

Part number	Nominal input voltage	Timing range	External resistor
On delay plug-in			
388ACPSOX-1	120VAC	0.1 to 10 seconds	20,000 ohms per second
388ACPSOX-2	120VAC	1.0 to 120 seconds	20,000 ohms per second
388CPSOX-1	24VDC	0.1 to 10 seconds	16,000 ohms per second
388CPSOX-2	24VDC	1.0 to 120 seconds	16,000 ohms per second
On delay surface mount flange style			
388ACQSOX-1	120VAC	0.1 to 10 seconds	20,000 ohms per second
388ACQSOX-2	120VAC	1.0 to 120 seconds	20,000 ohms per second
388CQSOX-2	24VDC	0.1 to 10 seconds	16,000 ohms per second
Off delay plug-in			
388CPSRX-22	24VDC	1.0 to 120 seconds	16,000 ohms per seconds

Section 7

7/18

www.struthers-dunn.com (843) 664-3303