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 On-delay, Off-delay, Interval Up to 180 minutes Knob or external R 0.1% 150mS

Contacts:
Contact Configuration
Contact Material
Contact Rating
120 / 240VAC Resistive
28VDC Resistive
Motor 120VAC
Motor 240VAC
Minimum Contet Load 2PDT, 3PDT Silver Alloy 12 Amp / 12 Amp 12 Amp 1/3Hp Minimum Contct Load 500mW Contact Resistance, Initial 100 milliohms max @ 6VDC, 1A

50mS

10,000,000

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

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

-20 to 55°C (-4 to 131°F) -40 to 85°C (-40 to 185°F) Operating Storage Life Expectancy:
Electrical (full load operations)
Mechanical (no load operations) 100,000

Miscellaneous: Mounting Position Mating Socket SK-SQB11-DS Opaque Polycarbonate 4.0oz (113 grams) Enclosure Weight

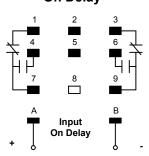


Knob Adjustable

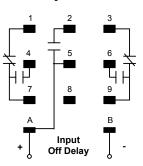


Externally Adjustable

388TD Wire Diagram On Delay



Off Delay - External **Adjustable**

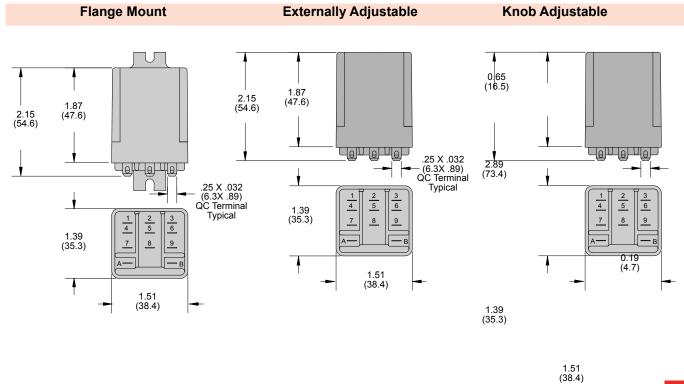




Timer / Sensor - Time Delay & Sensor Relays 5 - 25 Amp

Outline Dimensions

Dimensions Shown in inches & (millimeters)



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