

388 Series - True Off Relay

DPDT, 12 Amp



E43641



The 388 true off timers are square base, bladed products. Solid state circuitry combined with a magnetic latching relay allow this product to time when no power is applied. Contacts transfer when power is applied. Timing begins when power is removed. Contacts return to the home position at the end of the timing cycle. No external control switch is needed to initiate timing. The package on this series is typically socket mounted.



GENERAL SPECIFICATIONS (@ 25° C)

Timing:

Functions Available	True Off
Time Range	Up to 60 seconds
Timing Adjustment	Knob
Timing Repeatability (Constant voltage and temperature)	3.0%
Reset Time maximum	150mS
Input Pulse Length minimum	50mS

Contacts:

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

Coil:

Coils Available	AC and DC
Nominal Coil Power	1.5VA 1W
Input Voltage Tolerance -AC	85% to 110% of nominal
Input Voltage Tolerance -DC	80% to 110% of nominal
Transient Protection	Yes
Reverse Polarity Protection	Yes
Duty	Continuous

Dielectric Strength:

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

Temperature:

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

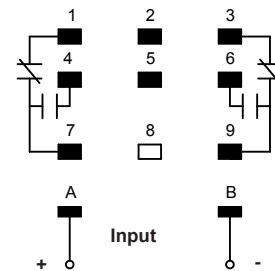
Life Expectancy:

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

Miscellaneous:

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

388 True Off Wire Diagram



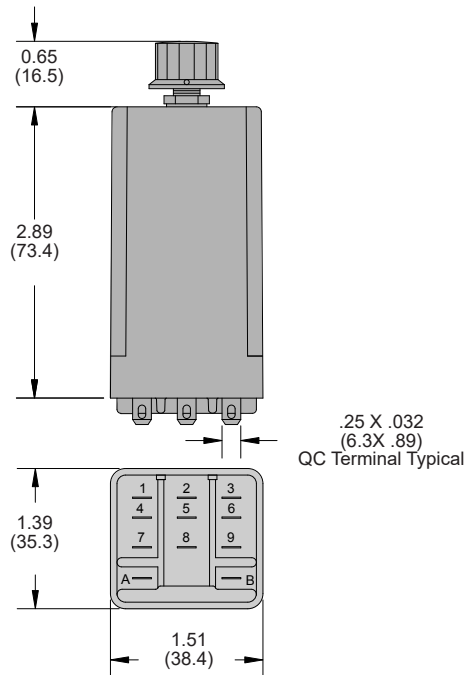
Observe Polarity on DC models

Timer / Sensor - Time Delay & Sensor Relays

5 - 25 Amp

Outline Dimensions

Dimensions Shown in inches & (millimeters)



388 True Off Part Number Chart

Part number	Nominal input voltage	Timing range
VAC Operated		
388ACPSRX-29	120VAC	0.6 to 60 second
388ACPSRX-30	120VAC	0.1 to 10 second
388ACPSRX-104	24VAC	1 to 180 second
388ACPSRX-107	120VAC	20 to 240 second
VDC Operated		
388CPSRX-35	24VDC	0.1 to 10 second
388CPSRX-36	24VDC	0.6 to 60 second
388CPSRX-61	12VDC	0.6 to 60 second
VAC/VDC Operated		
388ACPSRX-111	120VAC/VDC	0.1 to 10 second
388ACPSRX-108	48VAC/VDC	20 to 200 second