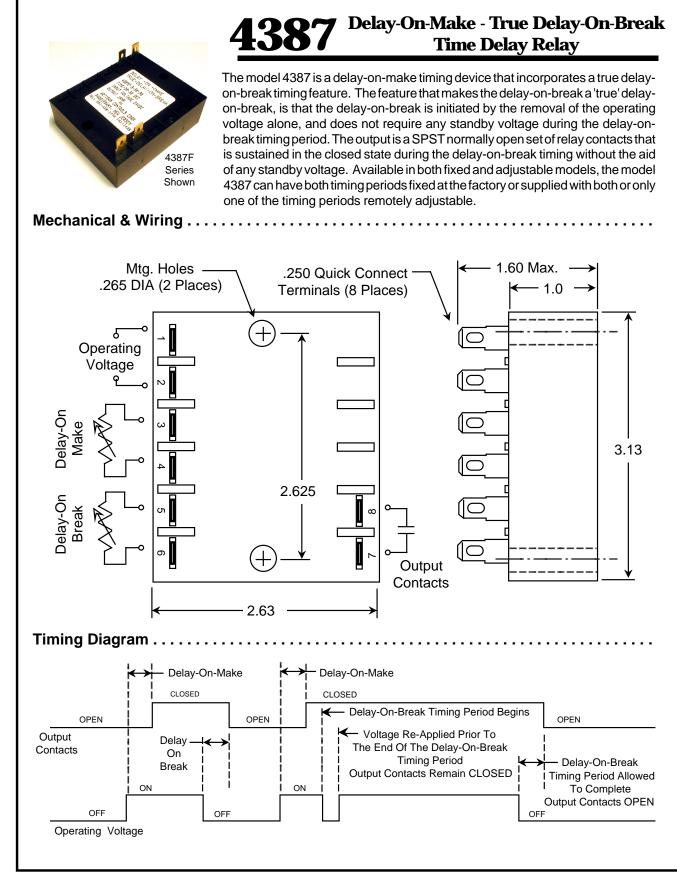


Solid State Timers and Controllers



Tel: 201-428-1770 • Fax: 201-428-1426 • Toll Free: 800-457-4950 Artisan Controls Corporation. 5 Eastmans Road. Suite 100. Parsippanv. New Jersev 07054. USA



Solid State Timers and Controllers

Specifications	
Operating Voltage:	12V DC, 24V DC, 48V DC, 110V DC, 24V AC, 48V AC, 115V AC,
	230V AC all AC voltages @ 50/60Hz. DC models are non-polar.
	DC models -10%, +40%, AC models \pm 15%.
	50 mA maximum all models.
-	Delay-On-Make with True Delay-On-Break feature.
Fixed Timing:	Delay-On-Make may be factory fixed at any timing period from 0.5 to
	8,000 seconds, Delay-On-Break from 0.5 300 seconds
Tolerances On Fixed Timing:	±10%.
Adjustable Delay-On-Make:	Delay-On-Make may be adjusted remotely from 0.5 to 8,000 seconds.
Adjustable Delay-On-Break:	Delay-On-Break from 0.5 300 seconds
Timing Adjustment:	Remote resistors set the timing periods (See Timing Charts).
Purchase Tolerances On	-15%, +0% on the low end and -0%, +15% on the high end. This
Adjustable Timing Periods:	guarantees the timing range specified.
Repeatability Of Timing Period:	\pm 1% nominal for the Delay-On-Make timing period, \pm 5% nominal for the
	Delay-On-Break timing period.
Recycle Time:	A new cycle can be initiated 50 milliseconds after the completion of the
-	Delay-On-Break timing period.
Output:	SPST-NO contacts.
Output Contact Rating:	8A 1/6 HP 125V, 250V AC 5A 30V DC, 0.24A 125V DC. 3A 250V
	AC ($\cos \phi = 0.4$).100,000 operations at full rated load.
Transient Protection:	Protected by silicon transient suppressors responding to transients
	within 1 x 10 ⁻¹² seconds to a peak pulse power dissipation of 1500
	watts, with transient surge currents to 200 amperes for durations up
	to 1/120 second at 25° C.
Operating Temperature:	
•••	Encapsulated module with .25 quick connect tab type terminals.

Construction: Encapsulated module with .25 quick connect tab type terminals. **Data Sheet Revision Date:** September 17, 1999

Ordering Information Adjustable TimingTiming Charts Adjustable Models.

Part	Operating	Delay On Make	,
Number	Voltage	Timing Range	
4387A - 2 4387A - 3 4387A - 4 4387A - 5 4387A - 6 4387A - 6 4387A - 7 4387A - 8 4387A - 9	12V DC 24V DC 48V DC 110V DC 24V AC 48V AC 115V AC 230V AC	-A 0.5 - 30 -B 1 - 300 -C 2 - 1,000 -D 10 - 5,000 -E 30 - 8,000	-A 0.5 - 5 -B 1 - 10 -C 3 - 30 -D 6 - 60 -E 30 - 300

Delay-On-Make Timing vs Timing Resistor External DASH NO. Resistor -A -B -C -D -E (Ohms) 0 0.5 1 2 10 30 4 30 100 500 900 1 Meg 3 Meg 90 300 1,500 2,700 12 20 150 500 2,500 4,500 5 Meg 10 Meg 30 300 1,000 5,000 8,000

Delay-On-Break Timing vs Timing Resistor External DASH NO. Resistor -B -C -D -E (Ohms) -A 0.5 6 30 0 1 3 1 Meg 5 10 30 60 300

EX: An external 1 meg ohm potentiometer across the delay-on-make terminals (3 & 4) will adjust the delay-on-make timing period from 1 to 30 seconds for the -B range, and An external 1 meg ohm potentiometer across the delay-on-break terminals (5 & 6) will adjust the delay-on-break timing period from 1 to 10 seconds for the -B range.

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Delay On Break

Specify

Time In

Seconds From

0.5 To 300

Ordering Information Fixed Timing

Delay On Make

Specify

Time In

Seconds From

0.5 To 10,000

Voltage — Timing Range — Timing Range

Delay-On-Make Delay-On-Break

Operating

12V DC

24V DC

48V DC

110V DC

24V AC

48V AC

115V AC

230V AC

Part

Number

4387F - 2

4387F - 3

4387F - 4

4387F - 5

4387F - 6

4387F - 7

4387F - 8

4387F - 9