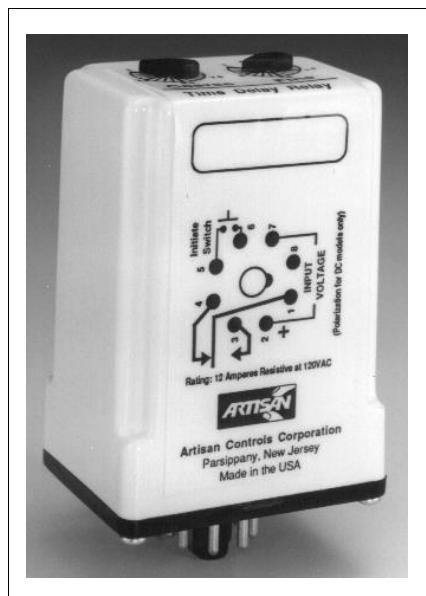




## Solid State Timers and Controllers

# 2710

## DELAY-ON-BREAK TIMER



The 2710 is a DELAY-ON-BREAK timer controlling a SPDT set of relay contacts. The 2710 is available in a range of both AC and DC models. With operating voltage applied, the timer is in a stand-by mode. Closure of the INITIATE switch causes the output contacts to energize and remain energized until a preset timing period after the INITIATE switch opens. Re-closure of the INITIATE switch during timing resets the timer, keeping the output energized.

### SPECIFICATIONS

**Timing Mode:** DELAY-ON-BREAK Timing - Initiate switch controlled.

**Operating Voltage:** See *Ordering Information*.

**Adjustable Timing Ranges:** See *Ordering Information*.

**Purchase Tolerance:** Low time: +0%, -50%, High time: -0%, +50%.

Ex: Timing range -3, (2 - 1000 seconds), can range from 1 to 1500 seconds, with 2 - 1000 seconds as a guaranteed minimum range.

**Repeatability Of Timing Periods:**  $\pm 2\%$

**Timing/Temperature Coefficient:**  $\pm 0.25\%/^{\circ}\text{C}$

**Output Relay:** SPDT contacts - 12A at 125V AC UL E88991 & CSA LR90143, 10A 125V AC TUV R9452021.

**Terminations:** Octal plug-in type.

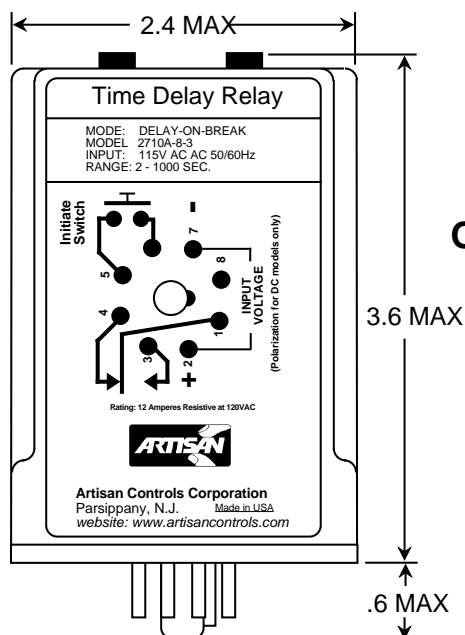
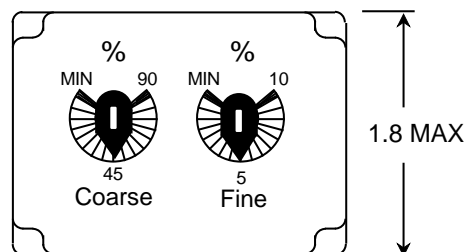
**Dielectric:** 1,200V rms between open contact sets, 1,500V rms between contacts and operating voltage terminals.

**Transient Protection:** Protected by silicon transient suppressors responding to transients within  $1 \times 10^{-12}$  seconds to a peak pulse power dissipation of 1500 watts.

**Operating Temperature:**  $0^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

**Data Sheet Revision Date:** July 15, 1999

### MECHANICAL & WIRING



### ORDERING INFORMATION

PART NUMBER	OPERATING VOLTAGE	TIMING RANGE (ALL TIMES IN SECONDS)
2710A -	-2 (12V DC)	-1 0.1 - 30.0
	-3 (24V DC)	-3 2 - 1000
	-6 (24V AC)	-5 30 - 8000
	-8 (115V AC)	
FOR OTHER VOLTAGES AND TIMING RANGES - CONSULT FACTORY		

EXAMPLE: **MODEL 2710A - 2 - 1**  
(12 DC WITH TIMING RANGE OF 0.1 TO 30 SECONDS)

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