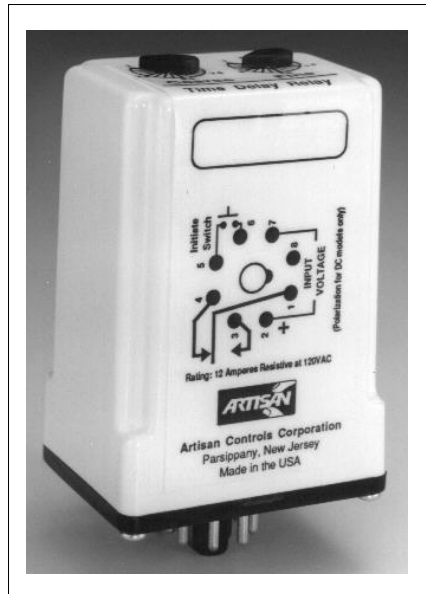




Solid State Timers and Controllers

2 3 1 0 SINGLE-SHOT TIMER



The 2310 is an INITIATE switch controlled single-shot timer controlling a SPDT set of relay contacts. The 2310 is available in a range of both AC and DC models. With operating voltage applied, the timer is in a stand-by mode. Momentary closure of the INITIATE switch causes the output contacts to energize for a preset timing period, and then de-energize. Re-closure of the INITIATE switch during a timing cycle will not effect the timing cycle in progress, but must be open prior to end of the timing period.

SPECIFICATIONS

Timing Mode: SINGLE-SHOT Timing. Initiate switch closure must always be less than the preset single-shot timing period

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 1×10^{-12} seconds to a peak pulse power dissipation of 1500 watts.

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

Data Sheet Revision Date: July 15, 1999

ORDERING INFORMATION

PART NUMBER	OPERATING VOLTAGE	INTERVAL TIMING RANGE (ALL TIMES IN SECONDS)
2310A -	-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 2310A - 6 - 5**

(24V AC WITH INTERVAL TIMING RANGE OF 30 TO 8000 SECONDS)

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MECHANICAL & WIRING

