



## Solid State Timers and Controllers

# 2 3 0 0 INTERVAL TIMER



The 2300 is an INTERVAL timer controlling a DPDT set of relay contacts. The 2300 is available in a range of both AC and DC models. When operating voltage is applied the output contacts energize for a preset timing period, and then de-energize. The output contacts will also de-energize if the operating voltage is removed prior to the end of the timing period. Two potentiometers provide timing adjustment over the useful timing range.

### SPECIFICATIONS . . . . .

**Timing Mode:** INTERVAL Timing.

**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

### ORDERING INFORMATION . . . . .

PART NUMBER	OPERATING VOLTAGE	INTERVAL TIMING RANGE (ALL TIMES IN SECONDS)
2300A -	-2 (12V DC)	-1 0.1 - 30.0
	-3 (24V DC)	-3 2 - 1000
	-6 (24V AC)	
	-8 (115V AC)	-5 30 - 8000
FOR OTHER VOLTAGES AND TIMING RANGES - CONSULT FACTORY		

EXAMPLE: **MODEL 2300A - 8 - 3**  
(115V AC WITH INTERVAL TIMING RANGE OF 2 TO 1000 SECONDS)

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### MECHANICAL & WIRING . . . . .

