

Solid State Timers and Controllers



INTERVAL 2 3 0 0 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.

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: ±2%

Timing/Temperature Coefficient: ±0.25%/°C

Output Relay: SPDT contacts - 12A at 125V AC UL E88991 &

CSA LR90143, 10A 125V AC TUV R9452021.

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

Dielectric: 1,200V rms between open contact sets, 1,500V rms

between contacts and operating voltage terminals.

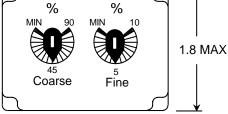
Transient Protection: Protected by silicon transient suppressors responding to transients within 1x10⁻¹² seconds to a peak pulse

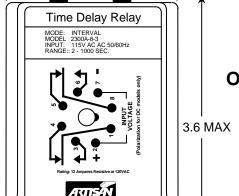
power dissipation of 1500 watts.

Operating Temperature: 0°C to +70°C Data Sheet Revision Date: July 15, 1999

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Part Number	Operating Voltage		INTERVAL TIMING RANGE (ALL TIMES IN SECONDS)	
2300A -	-2	(12V DC)	-1	0.1 - 30.0
	-3	(24V DC) (24V AC)	-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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