

4310 INTERVAL / SINGLE SHOT TIMER

The model 4310 can perform as either an interval timer, or as a single shot timer. To use as a single shot timer, jumper across terminals 6 & 7, the load will remain ON for the full timing duration even if the initial switch closure is momentary. Without the jumper, the initial switch must be closed longer than the timing period. The 4310 model controls DC load circuits to 1 Ampere, and AC load circuits up to 10 Amperes with zero voltage switching. This model is available in 12, 24, 48 volts DC, 24, 48, 115, & 230 volts AC in five timing periods. UL, CSA listed.



<u>Part Number</u>	<u>Operating Voltage</u>	<u>Output Rating</u>	<u>Timing in seconds</u>
4310A	-2 (12V DC)	-A (1 Amp)	-1 (0.1 - 30)
	-3 (24V DC)		-2 (1 - 300)
	-4 (48V DC)		-3 (2 - 1000)
	-6 (24V AC)	-B (5 AMP)	-4 (10 - 4500)
	-7 (48V AC)		-5 (30 - 8000)
	-8 (115VAC)		
	-9 (230VAC)		

4710 DELAY ON BREAK SOLID STATE TIMER

The model 4710 is a Delay-On-Dropout timer. Closure of the initiate switch will energize the load. The timing period begins when the initiate switch opens and resets when the switch is reclosed. The load circuit remains energized until the timing period has elapsed, then de-energizes. The model 4710 controls DC loads to 1 ampere, and AC loads to 10 amperes.



<u>Part Number</u>	<u>Operating Voltage</u>	<u>Output Rating</u>	<u>Timing in seconds</u>
4710A	-2 (12V DC)	-A (1 Amp)	-1 (0.1 - 30)
	-3 (24V DC)		-2 (1 - 300)
	-4 (48V DC)		-3 (2 - 1000)
	-6 (24V AC)	-B (5 AMP)	-4 (10 - 4500)
	-7 (48V AC)		-5 (30 - 8000)
	-8 (115VAC)		
	-9 (230VAC)		

4600 & 4610 REPEAT CYCLE TIMERS

This series of timers are a true repeat cycle timer, not an ON-OFF cycle timer. They are used to "turn on" a load circuit for a predetermined period of time, turns off for a period of time and then repeats this cycle for as long and voltage is applied. Once the repeat cycle time window has been established, the energized time can be moved in and out without effecting the length of the repeat cycle time. The model 4600 can control 1 ampere loads and is available in both AC and DC voltages. The model 4610 controls only AC loads upto 10 amperes. There are two different energized ranges available. (-A) has an adjustable energized time in seconds from 0.1 to 50% of the Repeat Cycle time. With the (-B) model the energized time can be set from 50 to 100% of the Repeat Cycle Time. Both models are UL and CSA listed.



<u>Part Number</u>	<u>Operating Volt.</u>	<u>RCT Time Range</u>	<u>ET Time Range</u>	<u>ET Restriction</u>
4600A (1amp)	-1 (12VDC)	-1 (0.2 - 60)	-1 (0.1 - 30)	-A
	-2 (24VDC)	-2 (2 - 600)	-2 (1 - 300)	Energize Time
	-3 (48VDC)	-3 (4 - 2000)	-3 (2 - 1000)	1 - 50% RCT
	-4 (24VAC)	-4 (20 - 9000)	-4 (10 - 4500)	-B
	-5 (48VAC)	-5 (60 - 16,000)	-5 (30 - 8,000)	Energize Time
4610A(10Amp)	-6 (115VAC)			50 - 100% RCT
	-7 (230VAC)			