

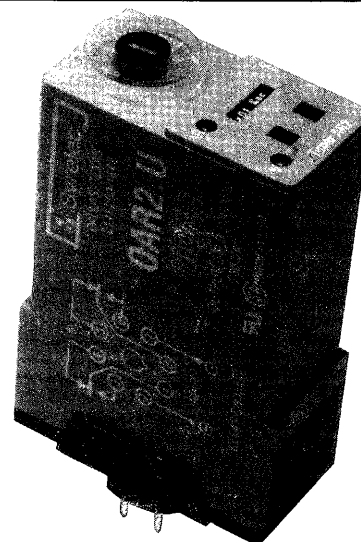
AR2 U SERIES

DELAY ON MAKE TIMER

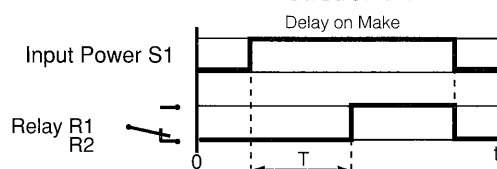
UL-E87133 CSA-LR56339

- Multi Timing Range (.1 sec. to 10 hours)
- Direct Reading
- Dual Voltage
- DPDT 10 Amp Relay Output
- LED Power On Indicator
- LED Relay Indicator

CE



Function A:



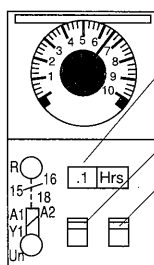
When input power (S1) is applied, the relay delays the present time period (T) prior to energizing. Interrupt power to de-energize the relay.

SPECIFICATIONS:

Input Power	220VAC/24 VAC/DC, 110VAC/24 VAC/DC	
	48VAC/DC/24 VAC/DC, 12 VDC $\pm$ 15%	
	50/60 Hz	
Max. power consumption	24 VAC: 1 VA	12 VDC: 0.5W
	48 VAC: 1.2 VA	24 VDC: 0.6W
	110 VAC: 3.5VA	48 VDC: 1.2W
	220 VAC: 7 VA	
Output	DPDT Relay	
Contact Material	Ag Cdo	
Maximum loading	10A AC resistive	8A DC resistive
Max. switching voltage ..	250 VAC	250VDC
Relay max. power rating ..	2200 VA	80W
Transient protection	2500VA	
Mechanical Life of Relay ..	30 x 10 ⁵ operations	
Electrical Life of Relay ..	2 x 10 ⁵ at 2400 VA resistive load	
Repetition accuracy	$\pm$ 0.2% at constant ambient	
Reset time	50ms after timing	
	100ms during timing	
Operating temperature ..	-4°F to +140°F	-20°C to +60°C
Weight	2.8 oz. (80 grams)	

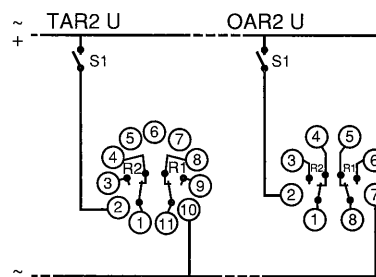
ORDERING INFORMATION:

O	AR2	U	220A	
MOUNTING	SERIES	TIME RANGE	INPUT POWER	DIMENSIONS See page 145
MOUNTING	SERIES	TIME RANGE	INPUT POWER	
O = 8 pin plug-in	AR2	U Range	12D = 12 VDC	
T = 11 pin plug-in		.1 sec. to 10 hours	24AD = 24 VAC/DC (OAR 2 U only)	
			48AD = 48 VAC/DC/24 VAC/DC	
			110A = 110 VAC/24 VAC/DC	
			220A = 220 VAC/24 VAC/DC	

TIME RANGE SELECTION:Time Base
ReadoutScale Selection
Switch X1 or X0.1Time Base Selections
Hour, Minute, Second

Six Time Ranges can be selected with two front panel switches.

X 0.1 s	- 0.1 to 1 second
X 1s	- 1 to 10 seconds
X 0.1 mn	- 0.1 to 1 minute
X 1 mn	- 1 to 10 minutes
X 0.1 hrs	- 0.1 to 1 hour
X 1 hrs	- 1 to 10 hours

WIRING DIAGRAM:

The OAR2 U is a single voltage timer.
The TAR2 U is a dual voltage timer.
(Jumper 7 & 10 for 24 VAC/DC).