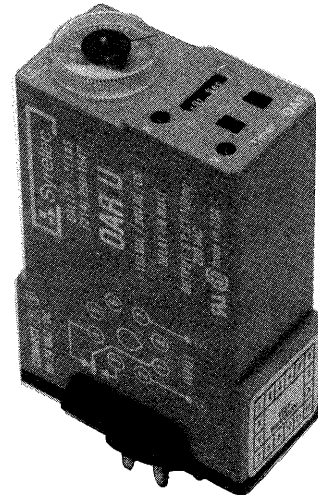


# AR U SERIES

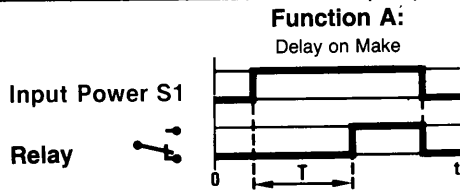
## DELAY ON MAKE WITH RELAY OUTPUT

UL-E80750 CSA-56339



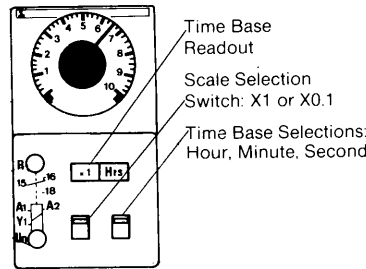
T  
I  
M  
E  
R  
S

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



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

### TIME RANGE SELECTION



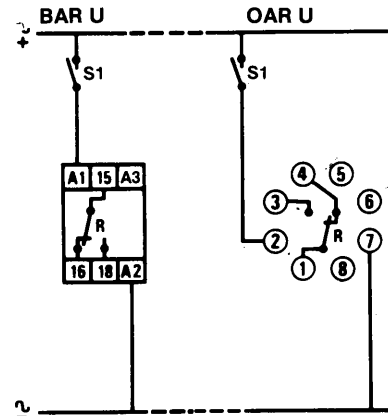
Six Time Ranges can be selected with two front panel switches.

- X 0.1 s — 0.1 to 1 second
- X 1 s — 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

### SPECIFICATIONS:

|   |   |                 |
|---|---|-----------------|
| <b>Input power</b> .....                | 220 VAC/24 VAC/DC, 110 VAC/24 VAC/DC,         |                 |
|   | 48 VAC/DC/24 VAC/DC, 12 VDC ± 15% (50/60 Hz)  |                 |
| <b>Maximum power consumption</b> .....  | 24 VAC: 1 VA                                  | 12 VDC: 0.5W    |
|   | 48 VAC: 1.2 VA                                | 24 VDC: 0.6W    |
|   | 110 VAC: 3.5 VA                               | 48 VDC: 1.2W    |
|   | 220 VAC: 7 VA                                 |                 |
| <b>Output</b> .....                     | SPDT Relay                                    |                 |
| <b>Contact material</b> .....           | Ag Cdo  |                 |
| <b>Maximum loading</b> .....            | 10A AC resistive                              | 8A DC resistive |
| <b>Maximum switching voltage</b> .....  | 250 VAC                                       | 250 VDC         |
| <b>Relay maximum power rating</b> ..... | 2200 VA                                       | 80W             |
| <b>Transient protection</b> .....       | 2500 volts                                    |                 |
| <b>Mechanical life of relay</b> .....   | 30 × 10 <sup>6</sup> operations               |                 |
| <b>Electrical life of relay</b> .....   | 2 × 10 <sup>5</sup> at 2400 VA resistive load |                 |
| <b>Repetition Accuracy</b> .....        | ± 0.2% at a constant ambient                  |                 |
| <b>Reset time</b> .....                 | 50ms after timing                             |                 |
|   | 100ms during timing                           |                 |
| <b>Operating temperature</b> .....      | -4°F to +140°F                                | -20°C to + 60°C |
| <b>Weight</b> .....                     | 2.8 oz. (80 grams)                            |                 |

### WIRING DIAGRAM



For 24 VAC/DC connect : A3, A2 (BAR)  
7, 8 (OAR)

### ORDERING INFORMATION:

