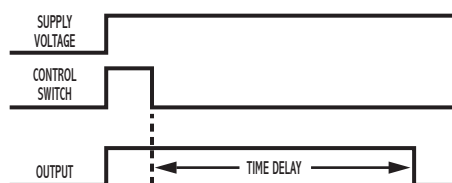


## OPERATION

Voltage is continuously applied to the input. An external isolated switch controls the timer. When closed, the load energizes. Opening the switch initiates the delay period. Upon completion of the delay period, the load de-energizes. If the control switch recloses during the delay period, the load remains energized and the timer resets to zero.

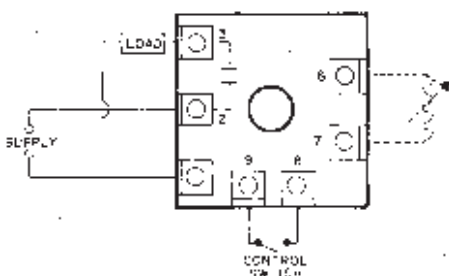


UL®  
E55826

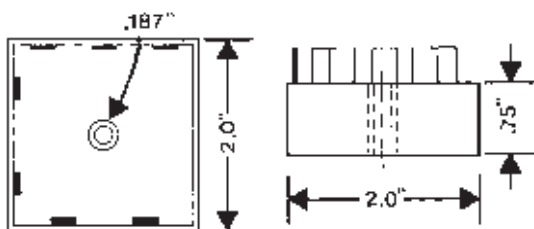


## OFF-Delay Solid-State Output

## WIRING



## DIMENSIONS (INCHES)



## MODEL NUMBER

| MODEL NUMBER   | TSD |     | A |   | C |  |
|--|-----|-----|---|---|---|--|
| <b>SUPPLY VOLTAGE</b>  |     |     |   |   |   |  |
| 120 VAC  |     | 120 |   |   |   |  |
| 240 VAC  |     | 240 |   |   |   |  |
| <b>TYPE OF OPERATION</b>   |     |     |   |   |   |  |
| Fixed  |     |     |   | F |   |  |
| External Resistor Adjustable;<br>See page 73 for standard ranges available |     |     |   | R |   |  |
| <b>DELAY PERIOD</b>  |     |     |   |   |   |  |

Example: TSD-120-ARC-200—Delay on Release, 120 VAC, external resistor adjustable from 2 to 200 seconds, UL recognized.

## SPECIFICATIONS

|                           |   |                               |
|---------------------------|---|-------------------------------|
| <b>TIMING RANGES</b>      | Virtually unlimited.<br>See page 73 for standard ranges available.  |                               |
| <b>OUTPUT RATING</b>      | Solid-state, SPST-N.O. 1 amp resistive;<br>1 amp 25VA @ 24VAC<br>1 amp 125VA @ 120VAC<br>.5 amp 125VA @ 240 VAC |                               |
| <b>TIMING TOLERANCES</b>  | Minimum Setting   | +0 – 20%                      |
|                           | Maximum Setting   | ±10%                          |
| <b>REPEATABILITY</b>      | 1% maximum; no first cycle effect   |                               |
| <b>RESET TIMES</b>        | Before Time Out   | 100 mSEC                      |
|                           | After Time Out  | 50 mSEC                       |
| <b>RECYCLE TIME</b>       | 40 mSEC   |                               |
| <b>SUPPLY VOLTAGE</b>     | 120 or 240 VAC, 50/60 Hz; ±10%  |                               |
| <b>FALSE TRANSFER</b>     | No  |                               |
| <b>ENCLOSURE</b>          | Surface mounted; totally encapsulated with a high quality epoxy for environmental protection.                   |                               |
| <b>TEMPERATURE RATING</b> | Operate   | 32° to 131°F (0° to +55°C)    |
|                           | Storage   | -49° to 185°F (-45° to +85°C) |
| <b>TERMINATIONS</b>       | 1/4" quick disconnect terminals   |                               |
| <b>WEIGHT</b>             | NET: 1.28 oz. Shipping: 1.6 oz.   |                               |