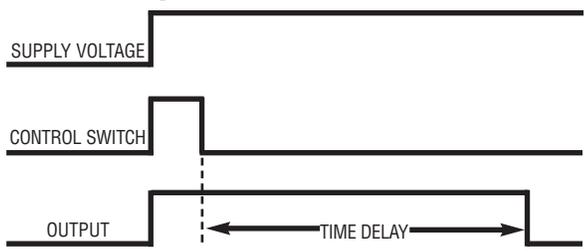
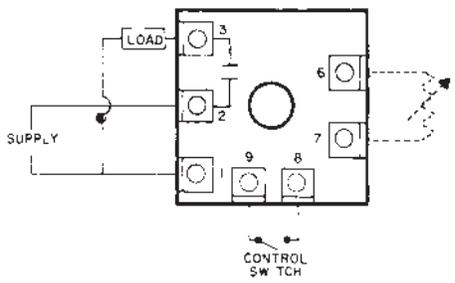


OPERATION

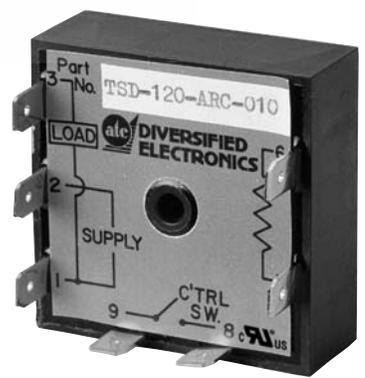
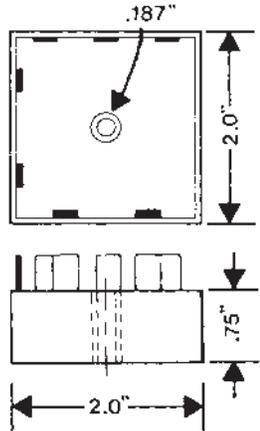
Voltage is continuously applied to the input. An external isolated switch controls the timer. When closed, the load energizes. Opening the switch initiates the delay period. Upon completion of the delay period, the load de-energizes. If the control switch recloses during the delay period, the load remains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



WIRING



DIMENSIONS (INCHES)



OFF-Delay Solid-State Output

SPECIFICATIONS

| | | |
|---------------------|---|-------------------------------|
| TIMING RANGES | Virtually unlimited. See page 84 for standard ranges available. | |
| OUTPUT RATING | Solid-state, SPST-N.O. 1 amp resistive; 1250 VA inrush, 125 VA run @ 120 VAC, inductive. | |
| TIMING TOLERANCES | Minimum Setting | +0-20% |
| | Maximum Setting | ±10% |
| REPEATABILITY | 1% maximum; no first cycle effect | |
| RESET TIMES | Before Time Out | 100 mSEC |
| | After Time Out | 50 mSEC |
| RECYCLE TIME | 40 mSEC | |
| SUPPLY VOLTAGE | 120, or 240 VAC, 50/60 Hz; ±10% | |
| FALSE TRANSFER | No | |
| DUTY CYCLE | Continuous | |
| ENCLOSURE | Surface mounted; totally encapsulated with a high quality epoxy for environmental protection. | |
| TEMPERATURES RATING | Operate | 32° to 131°F (0° to +55°C) |
| | Storage | -49° to 185°F (-45° to +85°C) |
| TERMINATIONS | 1/4" quick disconnect terminals | |
| WEIGHT | NET: .96 oz. | Shipping: 1.28 oz. |

| MODEL NUMBER >>>>>> | TSD | A | C |
|--|-----|---|---|
| Supply Voltage | | | |
| 120 VAC | 120 | | |
| 240 VAC | 240 | | |
| Type of Operation | | | |
| Fixed | | F | |
| External Resistor Adjustable See page 84 for resistor selection | | R | |
| Delay Period | | | |
| See page 84 for standard ranges available | | | |

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

Solid-State Output // TSD Series