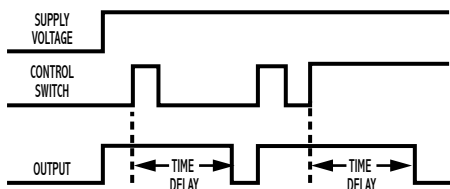


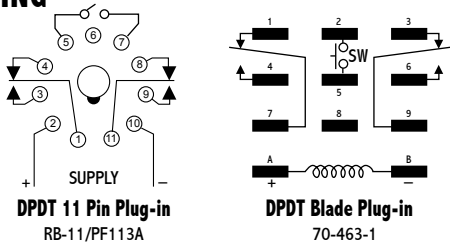
OPERATION

When voltage is applied to the input, the internal relay picks up and the time delay begins regardless of the position of the control switch. With the switch in the open position, when voltage is applied, the timer will complete its time delay period and the internal relay will drop out if the switch is not closed before the completion of the time delay period. With the switch in the closed position, when voltage is applied, the timer will complete its time delay period and the internal relay will drop out if the switch is not opened and reclosed before the completion of the time delay period. After voltage has been applied, closing of the control switch initiates the time delay period. Reset is accomplished by interrupting the supply voltage or re-closing the control switch.

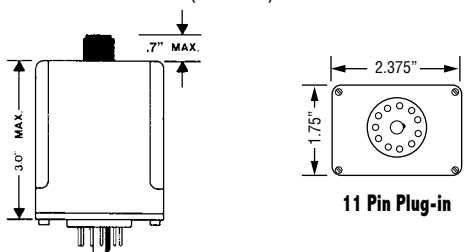


*Energy Conservation
Timer Relay Output*

WIRING



DIMENSIONS (INCHES)



MODEL NUMBER

| | | | | | | |
|---|-----|-----|---|---|--|--|
| MODEL NUMBER | TDM | | A | | | |
| SUPPLY VOLTAGE | | | | | | |
| 24 VAC or DC | | 24 | | | | |
| 110/120 VAC or DC | | 120 | | | | |
| TYPE OF OPERATION | | | | | | |
| Knob Adjustable | | | K | | | |
| Lock Nut Adjustable | | | L | | | |
| Fixed | | | F | | | |
| ENCLOSURE STYLE | | | | | | |
| 11-pin Round Plug-in | | | | A | | |
| Blade Plug-in | | | | B | | |
| DELAY PERIOD | | | | | | |
| See page 74 for standard ranges available | | | | | | |

Example: TDM-120-ALA-060—Energy conservation timer, 120 Volts AC or DC, lock nut adjustable from 0.6 to 60 seconds, 11-pin octal plug-in, UL recognized.

SPECIFICATIONS

TIMING RANGES

Virtually unlimited. See page 76 for standard ranges available.

| | |
|-----------------------------------|---|
| OUTPUT RATING | DPDT, 10 A @ 250 VAC or 24 VDC, resistive; 211 VA @ 120 VAC, inductive |
| TIMING | Minimum Setting +0 – 20% |
| TOLERANCES | 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 | 24 or 120 VAC or VDC, 50/60 Hz; ±10% |
| FALSE TRANSFER | No |
| REVERSE POLARITY PROTECTED | Yes |
| POWER CONSUMPTION | 3 watts (approximately) |
| TEMPERATURE RATING | Operate 32° to 131°F (0° to +55°C) Storage -49° to 185°F (-45° to +85°C) |
| LIFE EXPECTANCY | Mechanical 10 million operations (minimum) Electrical 100,000 operations @ rated load |
| WEIGHT | 5.6 oz. |