TDR-F

Off Delay & One Shot Timer

- **24 to 240VAC/VDC (Universal Voltage)**
- **Off Delay & One Shot Functions**
- **Time ranges up to 24 hrs**
- **Adjustment Knobs**
- **Plug-In Package**
- **DPDT Contacts**
- **Status LEDs**

c (UL) US

Listed
42L2

Specifications

Electrical
Supply Voltage: 24 to 240VAC/VDC
Frequency: 50 to 400Hz
Functions: On Delay & Interval On
Time Ranges: 0.1Sec. up to 24 Hrs.
Fine Adjustment Pot:
   On Top: Adjusts within Range
   Remote (11Pin): 1KΩ to 20KΩ
      Adjusts within Range

Power Consumption: 1.5VA
Indicators: 2 LEDs
Output Rating @ 25°C:

Must be used with UL approved socket to satisfy UL Listing.

5 Amps @ 250VAC (General Purpose)
1/8 HP @ 120VAC
5 Amps @ 30VDC
B300 (Pilot Duty)
   360 VA
   3 Amps @ 120VAC
   1.5 Amps @ 240VAC

Physical
Mounting: Plug-In
Termination: 8 or 11Pin
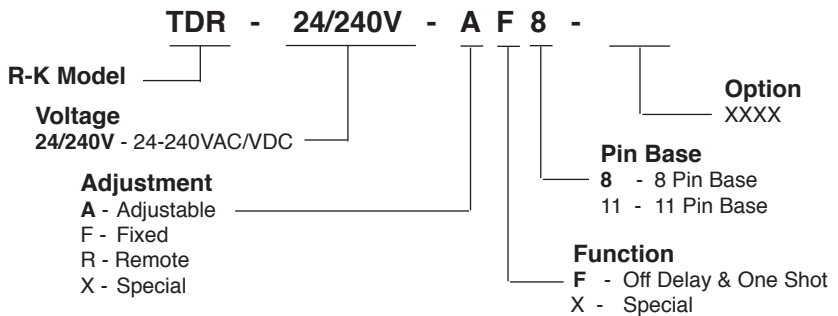**Packaging:** Dust Cover
Weight: 8.5 Oz. Approx.

Ambient Temperatures
Operating: 0°C to 65°C
Storage: -40°C to 85°C

Ordering Information

TDR - 24/240V - A F 8 -

R-K Model

Voltage
24/240V - 24-240VAC/VDC

Adjustment
A - Adjustable
F - Fixed
R - Remote
X - Special

Function
F - Off Delay & One Shot
X - Special

Pin Base
8 - 8 Pin Base
11 - 11 Pin Base

Option
XXXX

Part number includes socket and holddown.
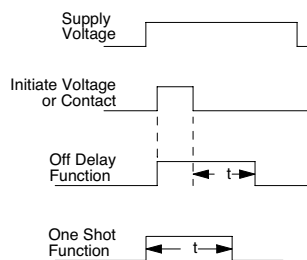
Off Delay & One Shot

Operations

The TDR-F alows you to select between Off Delay and one Shot timing. The universal supply voltage accepts most typical control voltages

By selecting Off Delay with the function pot on the top, with supply voltage applied, when the Initiate Voltage or Contact are activated, the internal relay is energized. When the Initiate Voltage or Contact are de-activated, the internal relay remains energized and the timing begins. After the time delay, the internal relay de-energizes and the timing resets.
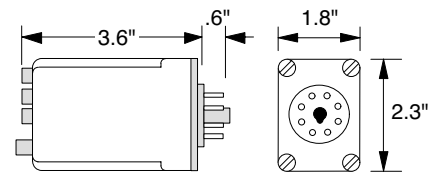
If the Initiate Voltage or Contact re-activate before the timing cycle is completed, the timing is reset. The timing will re-start when the Initiate Voltage or Contact is de-activated again.

By selecting One Shot with the function pot on the top, with supply voltage applied, when the Initiate Voltage or Contact is activated, the internal relay is energizes and the timing begins. After the time delay is completed, the internal relay de-energizes and the timing is reset.

Re-activating the Initiate Voltage or Contact during timing does not interrupt the timing cycle.

Dimensions

3.6" .6" 1.8"
2.3"

Connections

Initiate Voltage
Initiate Contact
5 6 7
4 8
3 9
2 10
1 11
Supply

4 5 Initiate Contact
3 6
2 7
1 8
Supply