

## Magnecraft

191 Waukegan Rd, Ste 206

Northfield, IL 60093-2743

Phone: (847)441-2526

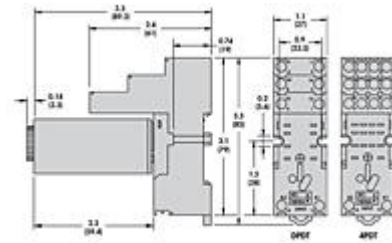
Fax: (847)441-2522

Email: info@magnecraft.com

### Item # TDR782XDXA-110A, TDR782 Time Delay Relay/ 4PDT 3 Amp Rating

#### TDR782 Time Delay Relay/ 4PDT 3 Amp Rating

The miniature TDR782 features a screw driver adjustable knob allowing users to choose from 7 timing ranges and a large knob on top to fine tune the timing setting. Dual LEDs indicate when power is present at the coil and when the output is energized.



[SPECIFICATIONS](#) · [OUTPUT CHARACTERISTICS](#) · [INPUT CHARACTERISTICS](#) · [PERFORMANCE CHARACTERISTICS](#) · [ENVIRONMENT](#)

#### SPECIFICATIONS

|                     |              |
|---------------------|--------------|
| Type of Device      | Time Delay   |
| Input Voltage Range | 110 VAC      |
| Timing Range        | 0.1s to 100h |
| Number of Functions | 1 (On Delay) |
| Rated Current Load  | 3 A          |

#### OUTPUT CHARACTERISTICS

|                               |              |
|-------------------------------|--------------|
| Contact Configuration         | 4PDT         |
| Contact Materials             | Silver Alloy |
| Current Rating                | 3 A          |
| Maximum Permissible Current ( | 10 A         |

|                  |       |
|------------------|-------|
| Indication (LED) | Amber |
|------------------|-------|

## INPUT CHARACTERISTICS

|   |   |
|---|---|
| Maximum Consumption AC                          | (at 120 AC) 2.6 VA<br>(at 230 AC) 3 VA<br>(at 24 AC) 1.7 VA   |
| Maximum Consumption DC                          | (at 12 DC) 1.5 W<br>(at 24 DC) 1.2 W  |
| Indication (LED)                                | Green   |
| Functions Available                             | A - On Delay (Power On)   |
| Time Scales                                     | 7   |
| Time Ranges Available                           | 0.1 to 1 s<br>1 to 10 s<br>0.1 to 1 min<br>1 to 10 min<br>0.1 to 1 H<br>1 to 10 H<br>10 to 100 H<br>d |
| Tolerance, Mechanical Setting                   | 5 %   |
| Repeatability, Constant Voltage and Temperature | 0.5 %   |
| Temperature Drift                               | 0.05 % / °C   |
| Reset Time, Maximum                             | 50 ms   |

## PERFORMANCE CHARACTERISTICS

|  |          |
|--|----------|
| Electrical Life (UL508), Operations at Rated Current (Resistive) | 100000   |
| Mechanical Life, Unpowered                                       | 10000000 |
| Dielectric Strength - Input to Contacts                          | 2000 VAC |

## ENVIRONMENT

|   |                 |
|---|-----------------|
| Product Certifications, Standard Version              | CE<br>CSA<br>UR |
| Ambient Air Temperature around the Device - Operation | -20 to +60 °C   |
| Ambient Air Temperature around the Device - Storage   | -40 to +70 °C   |
| Degree of Protection                                  | IP 50           |