

# TDR782XDXA-12D

Time delay relay, Legacy, 4PDT, 5A, 12 VDC, 100 ms to 100 hours, 7 time scales, on-delay function, socket compatible



## Main

|                      |                       |
|----------------------|-----------------------|
| Product Range        | Legacy                |
| Product Type         | Time delay relay      |
| Switch Function      | 4PDT                  |
| Contacts Material    | Silver alloy contacts |
| Time Delay Type      | A                     |
| Rated Supply Voltage | 12 V DC               |

## Complementary

|                           |  |
|---------------------------|--|
| Time Delay Range          | 100 ms...1 s<br>1...10 s<br>0.1...1 min<br>1...10 min<br>0.1...1 h<br>1...10 h<br>10...100 h |
| Control Type              | Dial front   |
| Voltage Range             | 0.9...1.1 Un   |
| Nominal Output Current    | 3 A  |
| Local Signalling          | 1 LED amber output status<br>1 LED green input status  |
| Repeat Accuracy           | +/- 0.5 % - 5...5 %  |
| Temperature Drift         | +/- 0.05 %/°C  |
| Reset Time                | 50 ms maximum  |
| Power Consumption in W    | 1.5 W 12 V   |
| Minimum Switching Current | 100 mA   |
| Electrical Durability     | 100000 cycles  |
| Mechanical Durability     | 10000000 cycles  |
| Mounting Support          | Socket   |
| Height                    | 2.34 in (59.4 mm)  |
| Width                     | 0.83 in (21 mm)  |
| Depth                     | 1.06 in (27 mm)  |
| Product Weight            | 1.76 oz (50 g)   |

## Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Dielectric Strength                   | 2000 V between input and output |
| Standards                             | IEC 61810-1                     |
| Product Certifications                | CSA<br>CURus                    |
| Ambient Air Temperature for Storage   | -40...158 °F (-40...70 °C)      |
| Ambient Air Temperature for Operation | -4...140 °F (-20...60 °C)       |
| IP Degree of Protection               | IP50 IEC 60529 enclosure)       |

## Ordering and shipping details

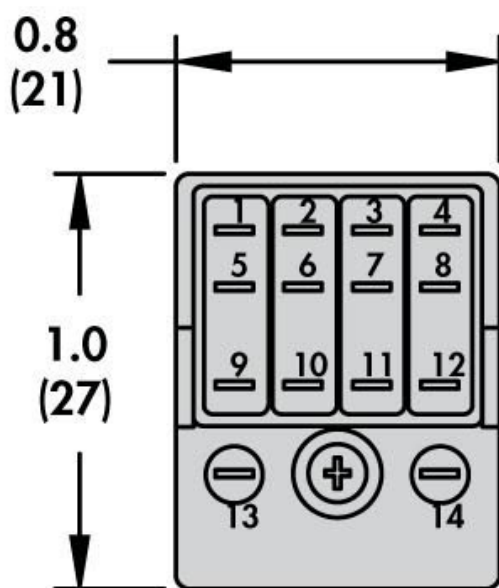
|      |                |
|------|----------------|
| GTIN | 03606480283024 |
|------|----------------|

## Offer Sustainability

|                            |  |
|----------------------------|--|
| Sustainable offer status   | Green Premium product  |
| California proposition 65  | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>   |
| Mercury free               | Yes  |
| RoHS exemption information | <a href="#">Yes</a>  |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>   |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.   |

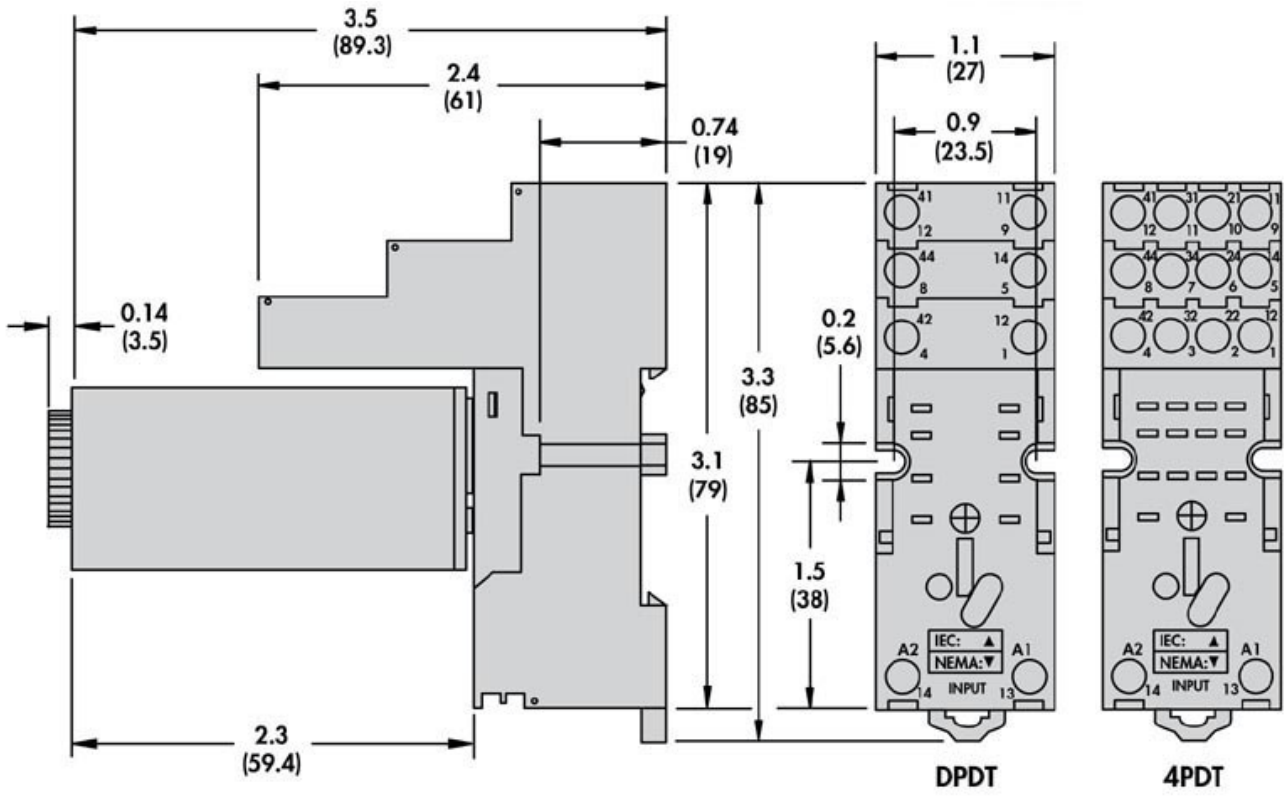
Approximate Dimensions

**NOTE: Terminal size is 0.105 x 0.020  
(2.68 x 0.508)**

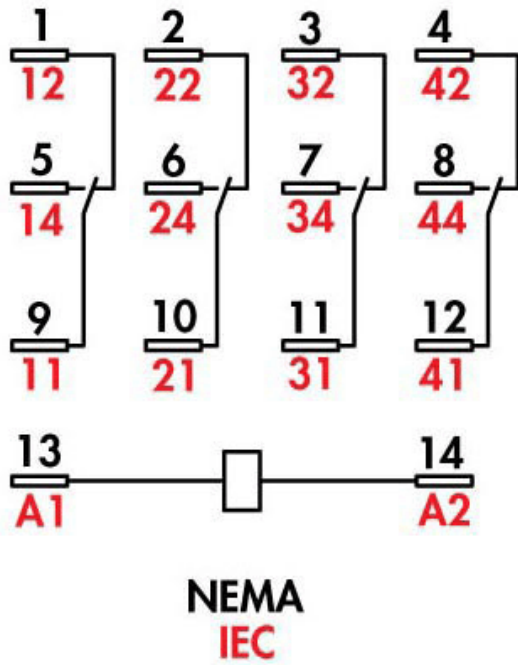


**14 TERMINAL SQUARE  
BASE 4PDT (ON DELAY)**

Approximate Dimensions



Connections and Wiring Diagrams



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