

# TDR782XBXA-24D

Time delay relay, Harmony SE Relays, DPDT, 100ms to 100hours, 7 time scales, on-delay function, socket compatible, 5A, 24V DC



## Main

|                      |                       |
|----------------------|-----------------------|
| Product Range        | Legacy                |
| Product Type         | Time delay relay      |
| Switch Function      | DPDT                  |
| Contacts Material    | Silver alloy contacts |
| Time Delay Type      | A                     |
| Rated Supply Voltage | 24 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 | 5 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 | 1.2 W 24 V                                                                                   |
| 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

|                   |                             |
|-------------------|-----------------------------|
| Category          | 21127-ZELIO ICE CUBE RELAYS |
| Discount Schedule | CP2                         |
| GTIN              | 3606480283000               |
| Returnability     | Yes                         |
| Country of origin | CN                          |

## Packing Units

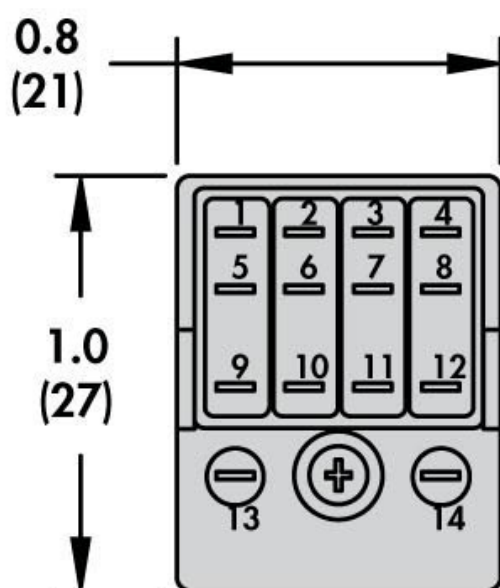
|                              |                     |
|------------------------------|---------------------|
| Unit Type of Package 1       | PCE                 |
| Number of Units in Package 1 | 1                   |
| Package 1 Height             | 1.20 in (3.048 cm)  |
| Package 1 Width              | 1.20 in (3.048 cm)  |
| Package 1 Length             | 2.70 in (6.858 cm)  |
| Package 1 Weight             | 1.76 oz (49.895 g)  |
| Unit Type of Package 2       | S01                 |
| Number of Units in Package 2 | 48                  |
| Package 2 Height             | 5.91 in (15 cm)     |
| Package 2 Width              | 5.91 in (15 cm)     |
| Package 2 Length             | 15.75 in (40 cm)    |
| Package 2 Weight             | 913.76 oz (25905 g) |

## 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                                                                                                                                                                                                                                                                                                                                                                    |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                                                                                                 |
| RoHS exemption information | <a href="#">Yes</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.                                                                                                                                                                                                                                           |

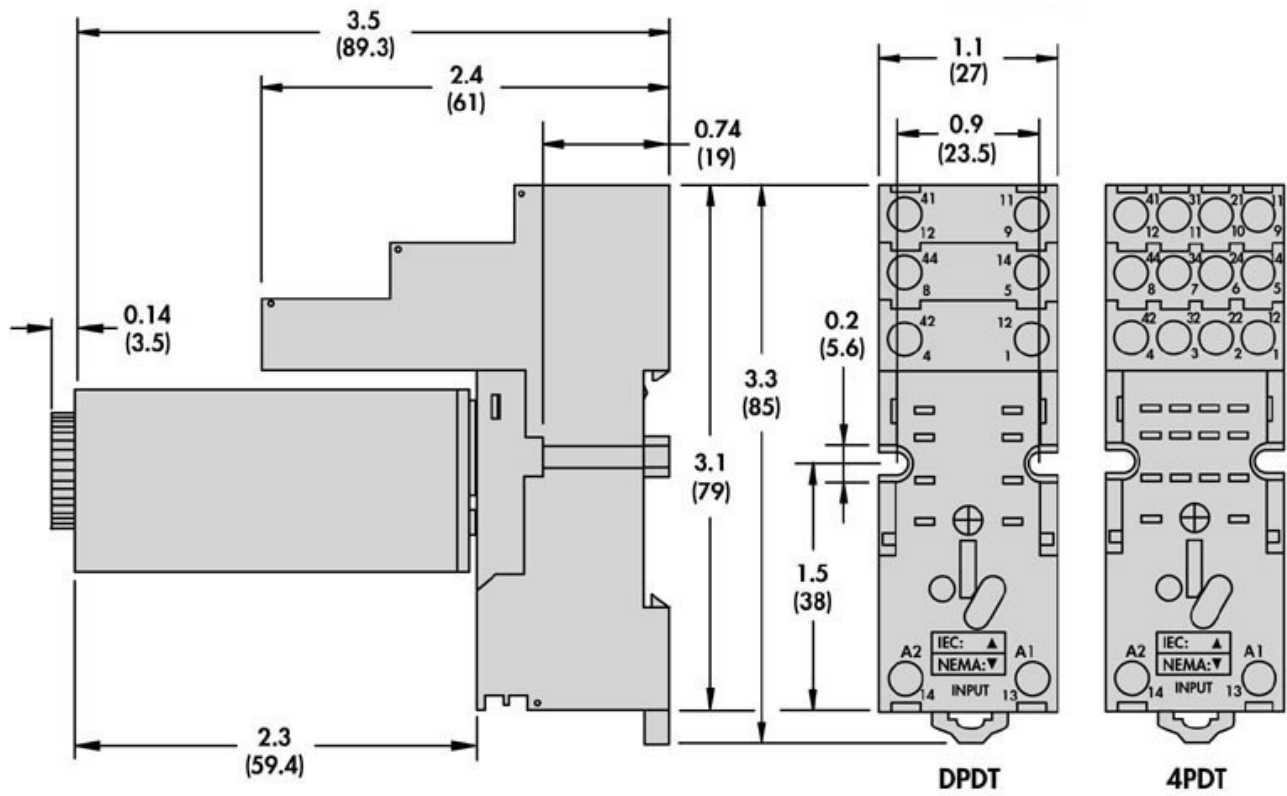
Approximate Dimensions

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



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

Approximate Dimensions



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Connections and Wiring Diagrams

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