Product data sheet
Characteristics

TDR782XBXA-24D
Time delay relay, SE Relays, DPDT, 5A, 24 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	DPDT
Contacts Material	Silver alloy contacts
Time Delay Type	A
Rated Supply Voltage	24 V DC

Complementary

Time Delay Range	100 ms...1 s 1...10 s 0.1...1 min 1...10 min 0.1...1 h 1...10 h 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 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
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 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)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Ordering and shipping details

GTIN	3606480283000
Nbr. of units in pkg.	1
Package weight(Lbs)	1.52 oz (43.0 g)

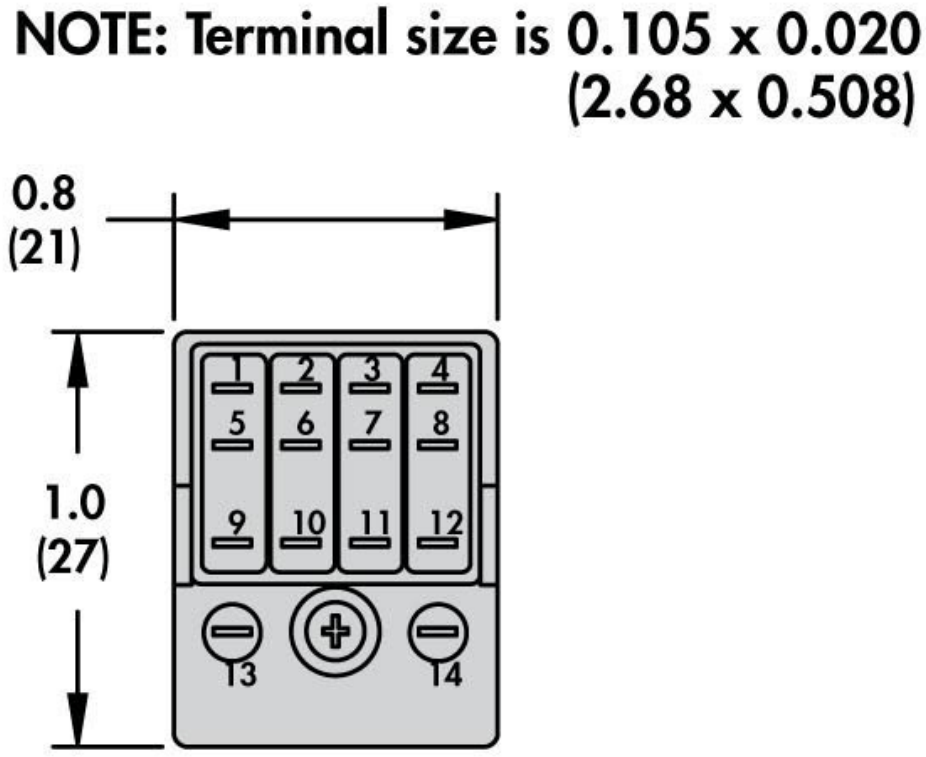
Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.06 in (2.7 cm)
Package 1 width	0.83 in (2.1 cm)
Package 1 Length	2.71 in (6.88 cm)
Unit Type of Package 2	S01
Number of Units in Package 2	48
Package 2 Weight	913.76 oz (25905.0 g)
Package 2 Height	5.91 in (15 cm)
Package 2 width	5.91 in (15 cm)
Package 2 Length	15.75 in (40 cm)

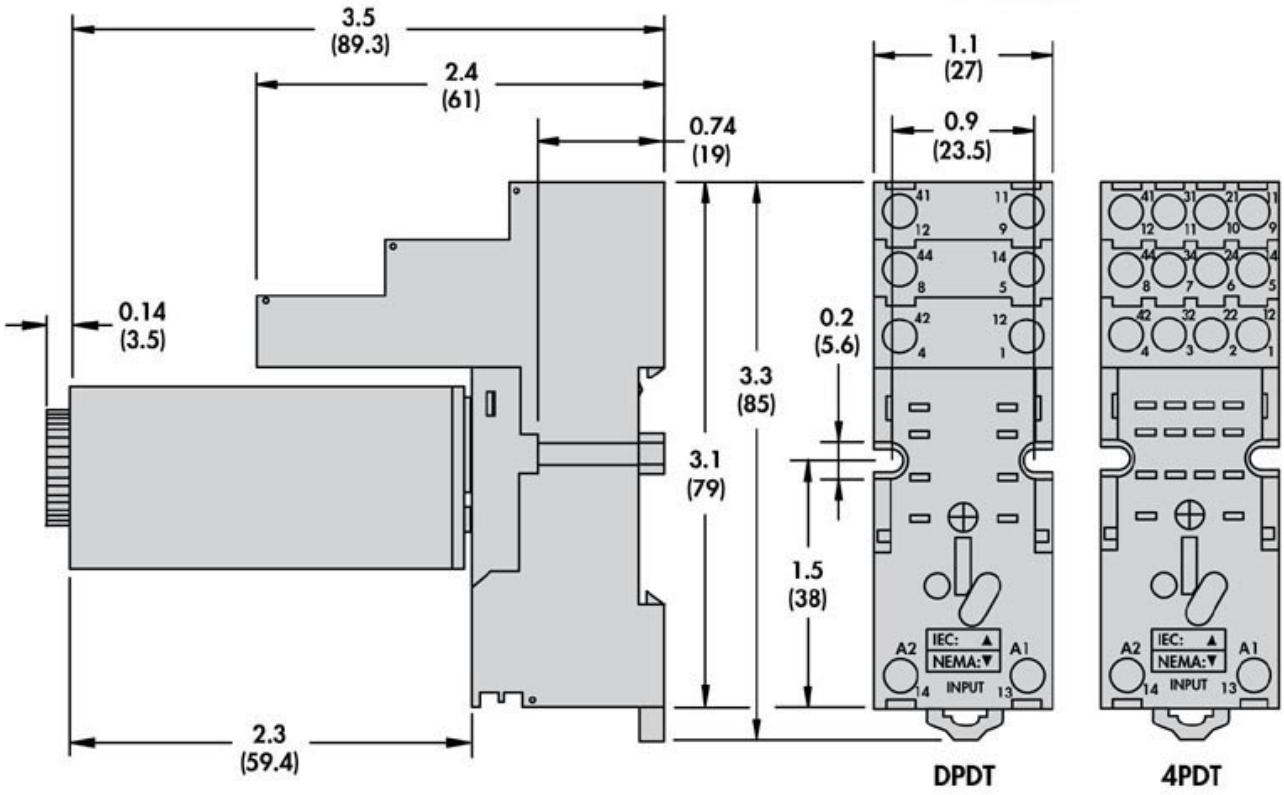
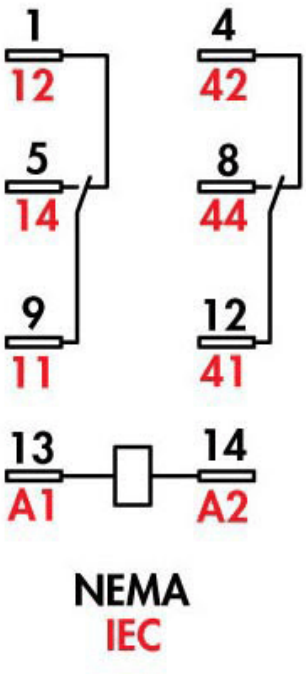
Offer Sustainability

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 www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Approximate Dimensions



Approximate Dimensions


3.5
(89.3)
2.4
(61)
0.74
(19)
1.1
(27)
0.9
(23.5)
0.14
(3.5)
0.2
(5.6)
3.3
(85)
3.1
(79)
1.5
(38)
2.3
(59.4)
A2
A1
IEC:
NEMA:
INPUT
DPDT
4PDT

Connections and Wiring Diagrams