

Product data sheet

Specifications



Time delay relay, Harmony SE
Relays, DPDT, 100ms to 100hours,
7 time scales, on-delay function,
socket compatible, 5A, 12V DC

TDR782XBXA-12D

! Discontinued

! Discontinued on: Jan 7, 2025

Product availability: Non-Stock - Not normally stocked in
distribution facility

Main

Product Range	Legacy
Product or Component Type	Time delay relay
Switch Function	DPDT
Contacts Material	Silver alloy contacts
Time Delay Type	A
Rated Supply Voltage	12 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 0.85...1.15 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	1.5 W 12 V
Electrical Durability	100000 cycles
Mechanical Durability	10000000 cycles
Mounting Support	Socket
Height	2.3 in (59.4 mm)
Width	0.8 in (21 mm)
Depth	1.06 in (27 mm)
Product Weight	1.8 oz (50 g)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

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)

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480282973
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.20 in (3.05 cm)
Package 1 Width	1.20 in (3.05 cm)
Package 1 Length	3.00 in (7.62 cm)
Package weight(Lbs)	0.11 lb(US) (0.05 kg)
Unit Type of Package 2	S01
Number of Units in Package 2	48
Package 2 Height	5.9 in (15 cm)
Package 2 Width	5.9 in (15 cm)
Package 2 Length	15.7 in (40 cm)
Package 2 Weight	913.8 oz (25905 g)

Contractual warranty

Warranty (in months)	18
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Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	1b9c3411-e0e2-4832-adc7-e6e2a8e06cab
REACH Regulation	REACH Declaration
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

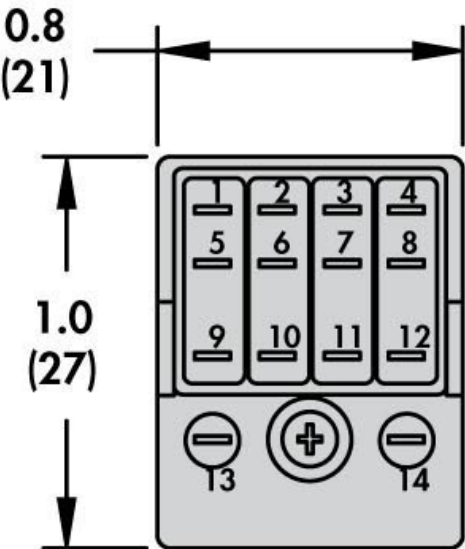
Use Longer

Lifetime extension	
Repair	No

Use Again

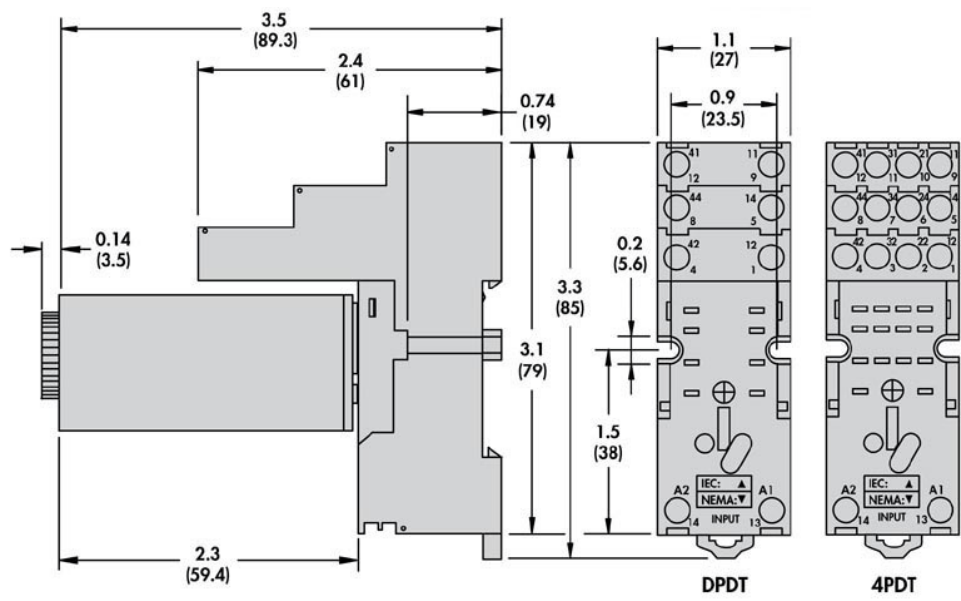
Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

**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 Schema

Connections and Wiring Diagrams

