

Product data sheet

Specifications



Hermetically sealed plug-in relays, SE Relays, 5A, 4 CO, 12VDC

782XDXH21-12D

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony Electromechanical Relays
Series name	782H series
Product or Component Type	Plug-in relay
Contacts type and composition	4 C/O
Relay Type	Hermetically sealed relay
Status LED	Without
[Uc] control circuit voltage	12 V DC
cover options	Hermetically sealed
[Ithe] conventional enclosed thermal current	5 A
Local signalling	Without LED without lockable test button

Complementary

class number	782H
Minimum switching current	500 mA 12 V AC 500 mA 12 V DC
Electrical durability	100000 cycles resistive IEC
Dielectric strength	1600 V AC between coil and contact 1600 V AC between poles
Control Type	Without lockable test button
Coil resistance	160 Ohm
Average coil consumption	0.90 W
Response Time	20 ms
Associated fuse rating	6 A gG at 400 V coordination type 2 for power circuit
Short-circuit current	1 kA
Average pole impedance	2 mOhm
Maximum switching voltage	240 V AC
[Ie] rated operational current	5 A at 120 V AC (on resistive load) 5 A at 240 V AC (on resistive load) 5 A at 30 V DC (on resistive load)
Mechanical durability	10000000 cycles
Contacts material	Silver alloy contacts
Shape of pin	Flat (faston type)
Width	0.90 in (22.75 mm)

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

Height	1.3 in (32.5 mm)
Depth	1.13 in (28.75 mm)
Product Weight	1.6 oz (45 g)

Environment

Shock resistance	10 gn
Vibration resistance	6 gn 10...55 Hz)
Environmental characteristic	Hazardous location T5 70 °C
Product Certifications	UL CSA CE
Ambient Air Temperature for Storage	-76...185 °F (-60...85 °C)
Ambient Air Temperature for Operation	-49...158 °F (-45...70 °C)

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480281051
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.132 in (2.875 cm)
Package 1 Width	0.896 in (2.275 cm)
Package 1 Length	1.132 in (2.875 cm)
Package weight(Lbs)	1.6 oz (45 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	100
Package 2 Height	7.09 in (18 cm)
Package 2 Width	10.2 in (25.8 cm)
Package 2 Length	13.2 in (33.5 cm)
Package 2 Weight	11.9 lb(US) (5.4 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

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

Total lifecycle Carbon footprint	10 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	9 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
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	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold
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
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Use Again

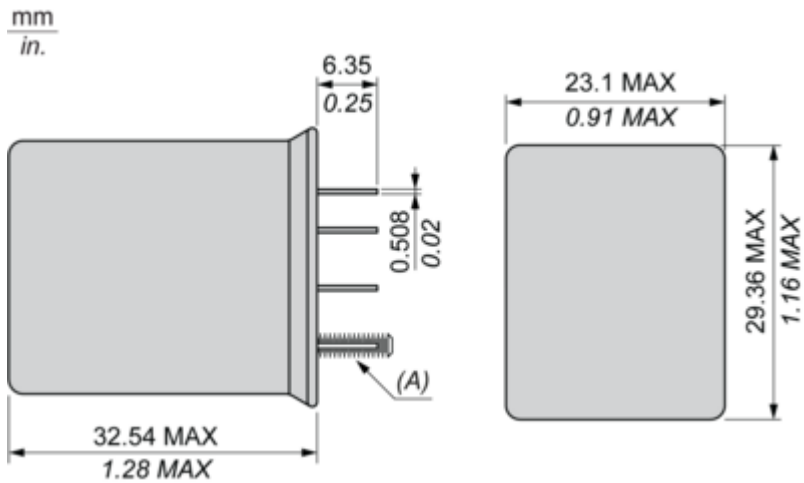


Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	No

Dimensions Drawings

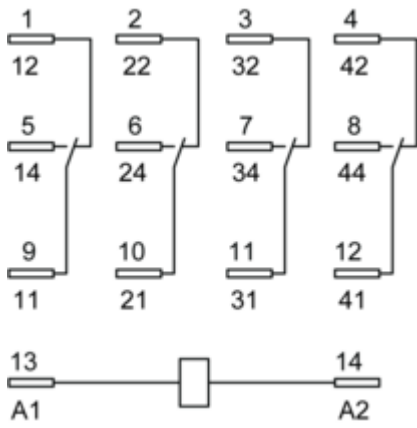
Dimensions



(A) : 0.312 (7.92) LONG #3-48 THREAD

Connections and Schema

Wiring



Technical Illustration

Dimensions

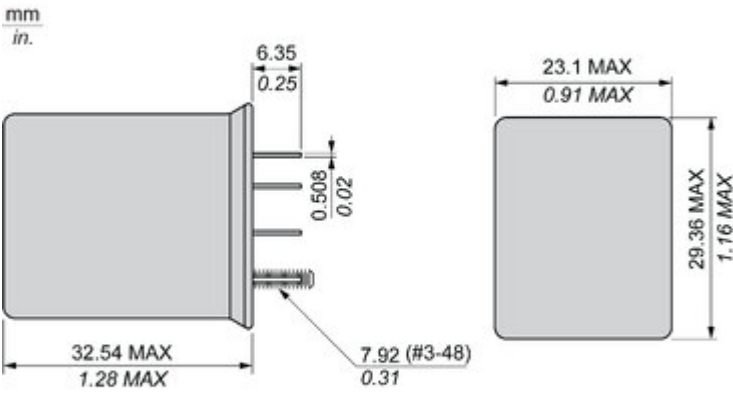


Image of product / Alternate images

Alternative





Image of product in real life situation

