

Product data sheet

Specifications



Hermetically sealed plug-in relays, SE Relays, 5A, 4 CO, 48VDC

782XDXH21-48D

⚠ Discontinued on: Oct 3, 2025

⚠ End-of-service on: Dec 31, 2025

⚠ Discontinued

Main

Range of product	Harmony Electromechanical Relays
Series name	Miniature
Product or component type	Plug-in relay
Contacts type and composition	4 C/O
cover options	Hermetically sealed

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
Coil resistance	2600 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 120 V AC on resistive load) 5 A 240 V AC on resistive load) 5 A 30 V DC on resistive load)
Mechanical durability	10000000 cycles
Contacts material	Silver alloy contacts
Width	0.90 in (22.75 mm)
Height	1.3 in (32.5 mm)
Depth	1.13 in (28.75 mm)
Net weight	1.6 oz (45 g)

Environment

Shock resistance	10 gn
Vibration resistance	6 gn 10...55 Hz)

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

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)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	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 1 Weight	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 >](#)

Use Better

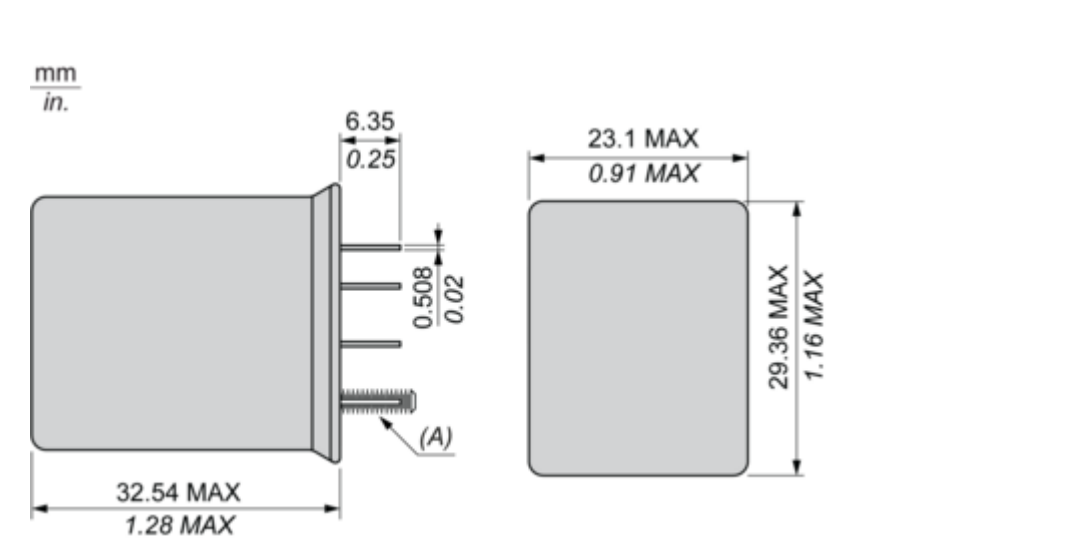
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer

Lifetime extension	
Repair	No

Dimensions Drawings

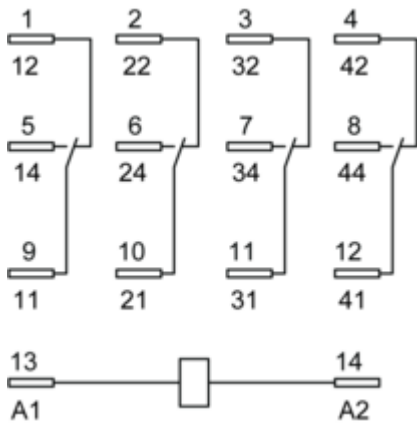
Dimensions



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

Connections and Schema

Wiring



Technical Illustration

Dimensions

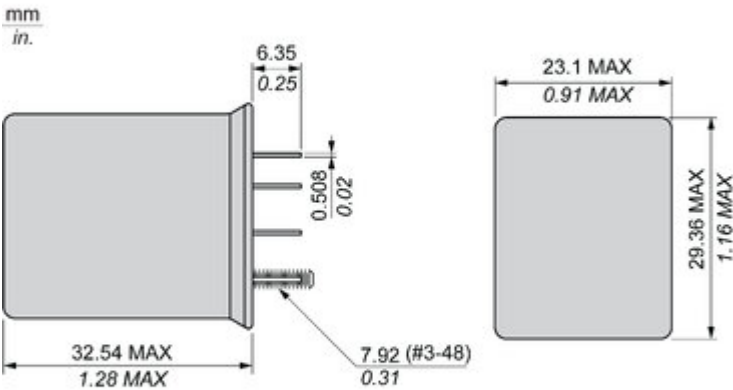


Image of product / Alternate images

Alternative





Image of product in real life situation

