

# Product data sheet

Specifications



## Hermetically sealed plug-in relay, Harmony Electromechanical relay, 5A, 4 CO, 12V DC

782XDXH21-12D

### 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 at 12 V AC 500 mA at 12 V DC
Electrical durability	100000 cycles resistive load conforming to 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	22.75 mm

Height	32.5 mm
Depth	28.75 mm
Product weight	45 g

## Environment

Shock resistance	10 gn
Vibration resistance	6 gn (f = 10...55 Hz)
Environmental characteristic	Hazardous location T5 70 °C tests
Product certifications	UL CSA CE
Ambient air temperature for storage	-60...85 °C
Ambient air temperature for operation	-45...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.875 cm
Package 1 Width	2.275 cm
Package 1 Length	2.875 cm
Package 1 Weight	45 g
Unit Type of Package 2	CAR
Number of Units in Package 2	100
Package 2 Height	18 cm
Package 2 Width	25.8 cm
Package 2 Length	33.5 cm
Package 2 Weight	5.4 kg



## 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

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)

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](http://www.P65Warnings.ca.gov)

## Use Again

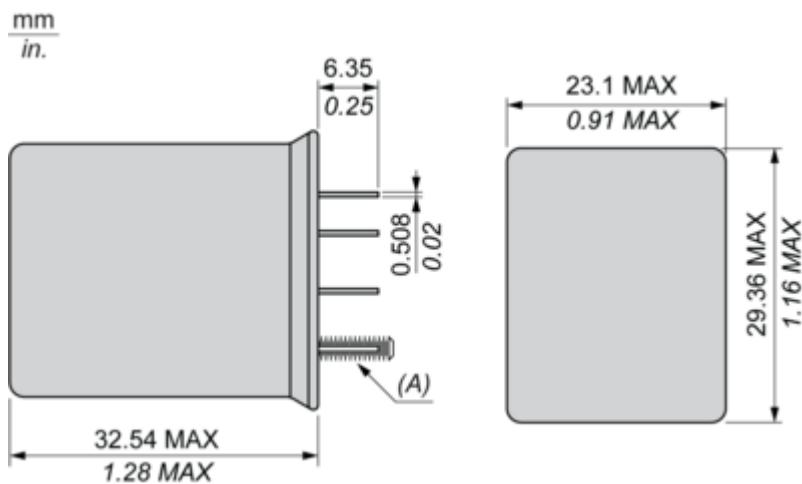
### Repack and remanufacture

End of life manual availability [End of Life Information](#)

Take-back No

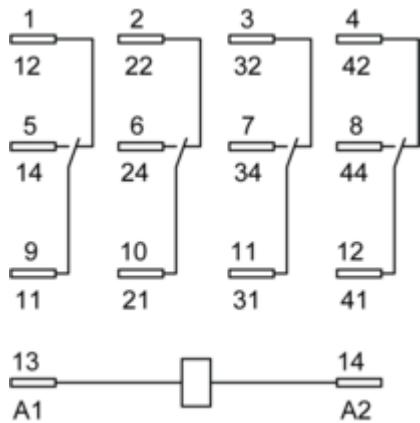
## Dimensions Drawings

## Dimensions



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

## Connections and Schema

Wiring

## Technical Illustration

## Dimensions

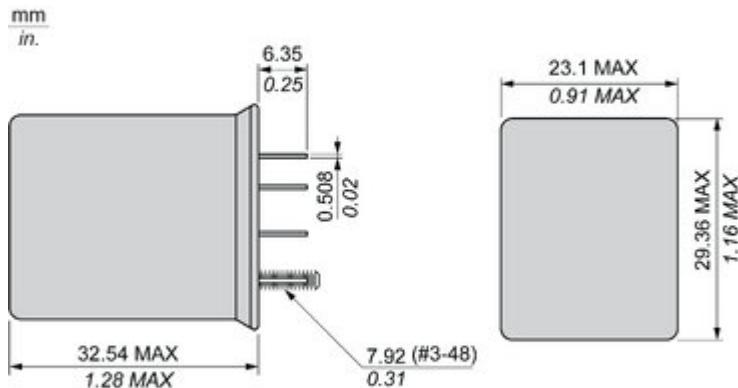


Image of product / Alternate images

Alternative

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Image of product in real life situation

