

# Product data sheet

Specifications



## Hermetically sealed plug-in relays, SE Relays, 5A, 4 CO, 24VDC

782XDXH21-24D

**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                 | 24 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<br>500 mA 12 V DC                                                                                 |
| Electrical durability          | 100000 cycles resistive IEC                                                                                      |
| Dielectric strength            | 1600 V AC between coil and contact<br>1600 V AC between poles                                                    |
| Control Type                   | Without lockable test button                                                                                     |
| Coil resistance                | 650 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)<br>5 A at 240 V AC (on resistive load)<br>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<br>CSA<br>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              | 3606480281082 |
| 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 (45.0 g)      |
| Unit Type of Package 2       | BB1                  |
| Number of Units in Package 2 | 10                   |
| Package 2 Height             | 1.2 in (3.0 cm)      |
| Package 2 Width              | 4.3 in (11.0 cm)     |
| Package 2 Length             | 5.1 in (13.0 cm)     |
| Package 2 Weight             | 15.9 oz (450.0 g)    |
| Unit Type of Package 3       | CAR                  |
| Number of Units in Package 3 | 100                  |
| Package 3 Height             | 7.09 in (18.0 cm)    |
| Package 3 Width              | 10.2 in (25.8 cm)    |
| Package 3 Length             | 13.2 in (33.5 cm)    |
| Package 3 Weight             | 11.9 lb(US) (5.4 kg) |

## Contractual warranty





## 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                       | 9 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                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                                                                                                                                           |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                                                                                                                           |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                                                                                                     |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                                                                                                                   |
| California proposition 65              | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                     |                                         |
|---------------------|-----------------------------------------|
| Circularity Profile | <a href="#">End of Life Information</a> |
| Take-back           | No                                      |

Technical Illustration

Dimensions

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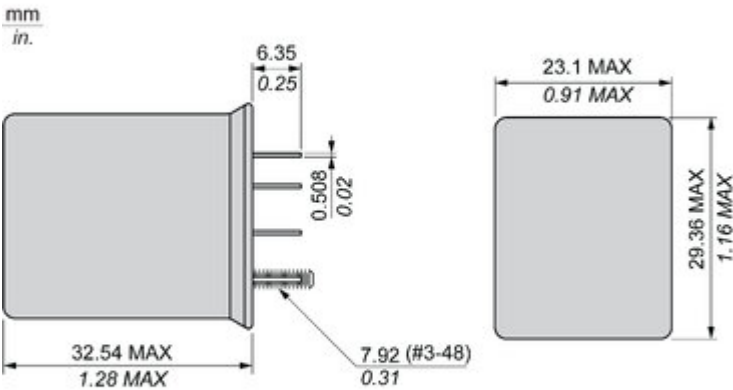


Image of product / Alternate images

Alternative

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Image of product in real life situation

