

# Product data sheet

Specifications



Power Relay, DPDT, side flange cover, quick connections terminals, 25A, 12V DC, 2NO + 2NC

389FXBXC1-12D

Product availability: Stock - Normally stocked in distribution facility

Price\*: 20.73 USD

## Main

|                     |             |
|---------------------|-------------|
| Product Type        | Power relay |
| Switch Function     | DPDT        |
| Contact Composition | 2 NC + 2 NO |

## Complementary

|                            |   |
|----------------------------|---|
| Input Current              | 25 A  |
| Short Circuit Current      | 3 kA  |
| Associated Fuse Rating     | 32 A gG at 400 V coordination type 2 for power circuit  |
| Average Pole Impedance     | 4 mOhm  |
| Contacts Material          | Silver alloy contacts   |
| Wire Strip Length          | 0.3 in (8 mm)   |
| Minimum Switching Current  | 100 mA 5 V DC   |
| Coil Resistance            | 100 Ohm   |
| Input voltage              | 12 V DC   |
| Drop-out Voltage Threshold | $\geq 0.1 U_c$ AC/DC  |
| Rated Operational Current  | 25 A at 300 V AC (on resistive load) conforming to UL<br>5 A at 600 V AC (on resistive load) conforming to UL<br>13 A at 28 V DC (on resistive load) conforming to UL<br>22 A at 120 V AC (full load) conforming to UL<br>20 A at 277 V AC (ballast) conforming to IEC<br>25 A at 250 V AC-1 (NO/NC) conforming to IEC<br>15 A at 28 V DC-1 (NO/NC) |
| Power consumption in W     | 1.3 W DC  |
| Power consumption in VA    | 2 VA AC   |
| Voltage Range              | 0.8...1.1 $U_c$ DC  |
| Maximum Switching Voltage  | 600 V AC  |
| Motor Power HP             | 1.5 hp 200/240 V AC 50/60 Hz<br>1 hp 120...200V AC 50/60 Hz<br>1 hp 600 V AC 50/60 Hz   |
| Connections Terminals      | Quick   |
| Mounting                   | Flange  |
| Product Weight             | 3.0 oz (84 g)   |

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

## Environment

|                                       |   |
|---------------------------------------|---|
| Ambient Air Temperature for Operation | -22...131 °F (-30...55 °C)  |
| Ambient Air Temperature for Storage   | -22...185 °F (-30...85 °C)  |
| Product Certifications                | cURus<br>CSA<br>CE  |
| Electrical Durability                 | 100000 cycles resistive load<br>50000 cycles resistive DC load                              |
| Mechanical Durability                 | 5000000 cycles  |
| IP Degree of Protection               | IP40  |
| Dielectric Strength                   | 2200 V AC between coil and contact<br>2200 V AC between poles<br>1600 V AC between contacts |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US10CP221127  |
| Discount Schedule | 0CP2          |
| GTIN              | 3606480276811 |
| Returnability     | Yes           |
| Country of origin | CN            |

## Packing Units

|                              |                   |
|------------------------------|-------------------|
| Unit Type of Package 1       | PCE               |
| Number of Units in Package 1 | 1                 |
| Package 1 Height             | 2.90 in (7.36 cm) |
| Package 1 Width              | 1.49 in (3.78 cm) |
| Package 1 Length             | 1.36 in (3.45 cm) |
| Package 1 Weight             | 3.0 oz (84 g)     |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)


[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

 Reach Free Of Svhc

 Rohs Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)  
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

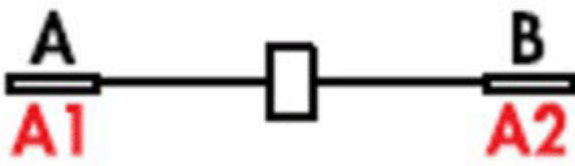
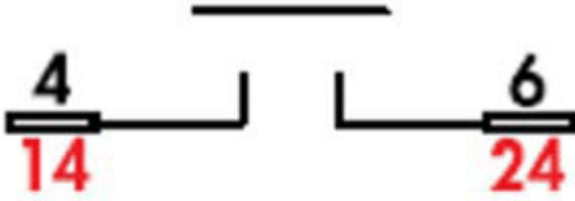
Circularity Profile [End of Life Information](#)

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)"

Connections and Schema

Connections and Wiring Diagrams

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**SPST-NO-(DM)**

Connections and Wiring Diagrams

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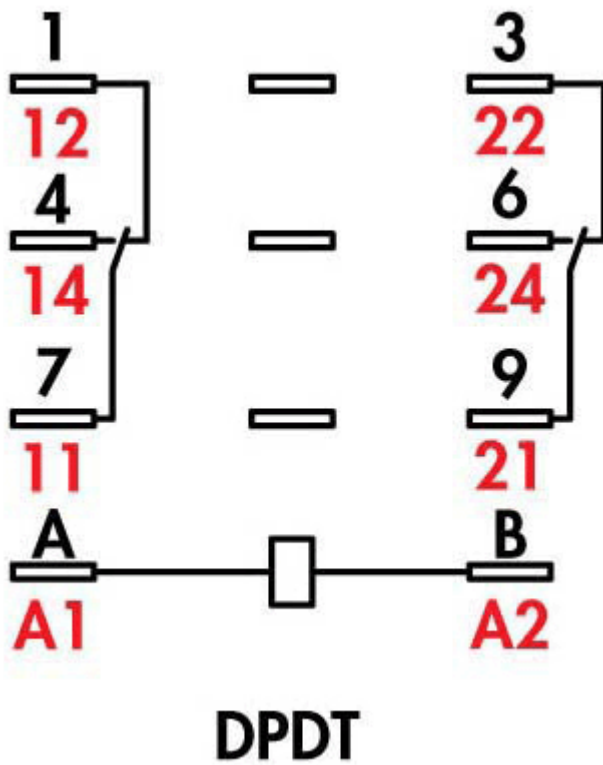


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