

# Product data sheet

Specifications



## Power relay, SE Relays, DPDT, 25A, 24 VDC, plug-in socket cover

389FXBXC-24D

**Product availability: Stock - Normally stocked in distribution facility**

### 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	400 Ohm
Input voltage	24 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 5 A at 600 V AC (on resistive load) conforming to UL 13 A at 28 V DC (on resistive load) conforming to UL 22 A at 120 V AC (full load) conforming to UL 20 A at 277 V AC (ballast) conforming to IEC 25 A at 250 V AC-1 (NO/NC) conforming to IEC 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 1 hp 120...200V AC 50/60 Hz 1 hp 600 V AC 50/60 Hz
Connections Terminals	Quick
Mounting	Socket
Product Weight	3.0 oz (84 g)

### Environment

Ambient Air Temperature for Operation	-22...131 °F (-30...55 °C)
Ambient Air Temperature for Storage	-22...185 °F (-30...85 °C)

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

<b>Product Certifications</b>	cURus CSA CE
<b>Electrical Durability</b>	100000 cycles resistive load 50000 cycles resistive DC load
<b>Mechanical Durability</b>	5000000 cycles
<b>IP Degree of Protection</b>	IP40
<b>Dielectric Strength</b>	2200 V AC between coil and contact 2200 V AC between poles 1600 V AC between contacts

## Ordering and shipping details

<b>Category</b>	US10CP221127
<b>Discount Schedule</b>	0CP2
<b>GTIN</b>	3606480276897
<b>Returnability</b>	Yes
<b>Country of origin</b>	CN

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Nbr. of units in pkg.</b>	1
<b>Package 1 Height</b>	2.25 in (5.71 cm)
<b>Package 1 Width</b>	1.36 in (3.45 cm)
<b>Package 1 Length</b>	1.49 in (3.78 cm)
<b>Package weight(Lbs)</b>	2.8 oz (78 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	1.7 in (4.3 cm)
<b>Package 2 Width</b>	5.2 in (13.2 cm)
<b>Package 2 Length</b>	7.6 in (19.2 cm)
<b>Package 2 Weight</b>	31.2 oz (885 g)
<b>Unit Type of Package 3</b>	S02
<b>Number of Units in Package 3</b>	60
<b>Package 3 Height</b>	5.9 in (15 cm)
<b>Package 3 Width</b>	11.8 in (30 cm)
<b>Package 3 Length</b>	15.7 in (40 cm)
<b>Package 3 Weight</b>	13.10 lb(US) (5.94 kg)

## Contractual warranty

<b>Warranty (in months)</b>	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	35 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Carbon footprint of the manufacturing phase [A1 to A3]	0.5 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]	34 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.

## Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	<a href="#">REACH Declaration</a>
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

## Use Longer



### Lifetime extension

Repair	No
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## Use Again



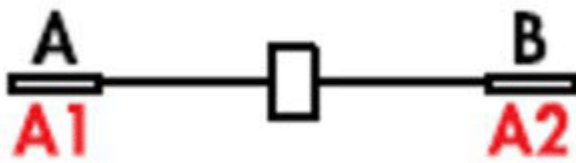
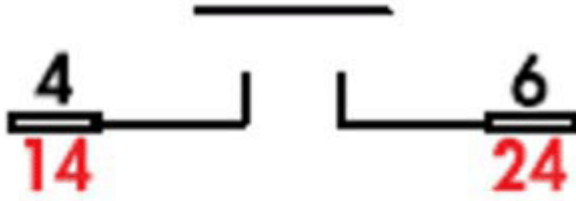
### Repack and remanufacture

Recyclability potential, in %	66
Circularity Profile	<a href="#">End of Life Information</a>
Take-back	No

Connections and Schema

Connections and Wiring Diagrams

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**SPST-NO-(DM)**

Connections and Wiring Diagrams

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