Product data sheet

Specifications



Power relay, SE Relays, 3PDT, 20A, 120 VAC, side flange cover

389FXCXC1-120A

Product availability: Stock - Normally stocked in distribution facility

Main

Product Type	Power relay
Switch Function	3PDT
Contact Composition	3 NO + 3 NC

Complementary

Input Current	20 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	1700 Ohm
Input voltage	120 V AC
Drop-out Voltage Threshold	>= 0.1 Uc AC/DC
Rated Operational Current	20 A at 150 V AC (on resistive load) conforming to UL 15 A at 250 V AC (on resistive load) conforming to UL 13 A at 28 V DC (on resistive load) conforming to UL 20 A at 150 V AC (ballast) conforming to UL 6.67 A at 277 V AC (ballast) conforming to UL 20 A at 250 V AC (NO/NC) conforming to IEC 15 A at 28 V DC (NO/NC) conforming to IEC
Power consumption in W	1.3 W DC
Power consumption in VA	2 VA AC
Voltage Range	0.85...1.1 Uc AC
Maximum Switching Voltage	300 V AC
Motor Power HP	0.5 hp 120/240 V AC 50/60 Hz
Connections Terminals	Quick
Mounting	Flange
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.

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

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

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480276910
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.90 in (7.36 cm)
Package 1 Width	1.36 in (3.45 cm)
Package 1 Length	1.49 in (3.78 cm)
Package weight(Lbs)	3.02 oz (85.5 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.7 in (4.3 cm)
Package 2 Width	5.3 in (13.5 cm)
Package 2 Length	7.6 in (19.2 cm)
Package 2 Weight	34.04 oz (965 g)
Unit Type of Package 3	S02
Number of Units in Package 3	60
Package 3 Height	5.9 in (15 cm)
Package 3 Width	11.8 in (30 cm)
Package 3 Length	15.7 in (40 cm)
Package 3 Weight	14.13 lb(US) (6.41 kg)

Contractual warranty

Warranty (in months)	18

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	**34 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]	**33 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.2 kg CO2 eq.**
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	**Compliant**
REACh Regulation	**Free of Substances of Very High Concern above the threshold**
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**

Use Longer

Lifetime extension

Repair	**No**

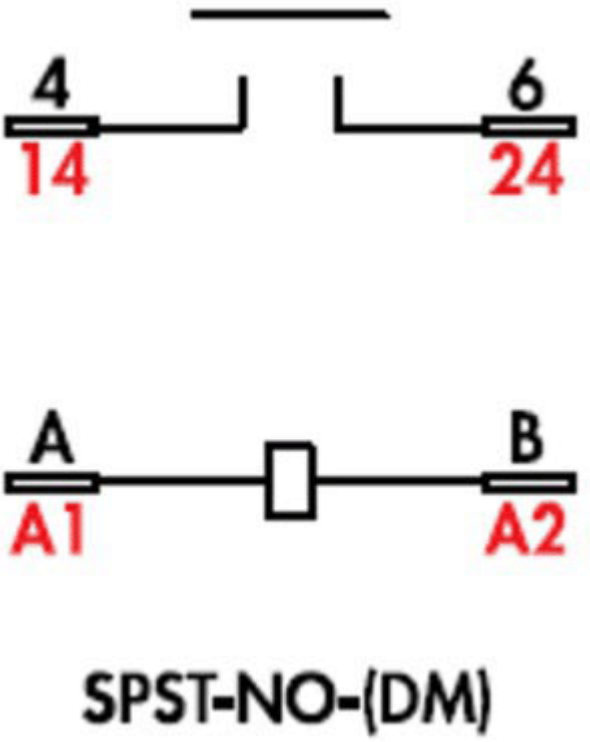
Use Again

Repack and remanufacture

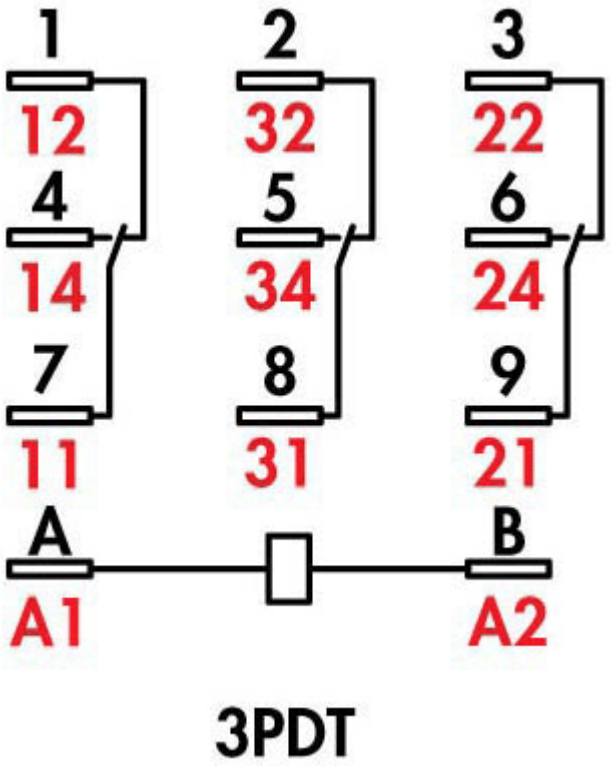
Recyclability potential, in %	**66**
Circularity Profile	**End of Life Information**
Take-back	**No**

Connections and Schema

Connections and Wiring Diagrams



Connections and Wiring Diagrams



3PDT