

Product data sheet

Characteristics

389FXCXC1-12D

Power relay, SE Relays, 3PDT, 20A, 12 VDC, side flange cover

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	100 Ohm
Input voltage	12 V DC
Drop-out Voltage Threshold	$\geq 0.1 U_c$ 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	0.8...1.1 U_c DC
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)
Product Certifications	cURus[RETURN]CSA[RETURN]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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Ordering and shipping details

Category	US10CP221127
Discount Schedule	OCP2
GTIN	3606480276927
Returnability	No
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.50 in (3.81 cm)
Package 1 Width	1.60 in (4.06 cm)
Package 1 Length	3.00 in (7.62 cm)
Package 1 Weight	0.20 lb(US) (0.09 kg)

Offer Sustainability

Packaging without single use plastic	Yes
Packaging made with recycled cardboard	Yes
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
REACH Regulation	<input checked="" type="checkbox"/> REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <input checked="" type="checkbox"/> EU RoHS Declaration
RoHS exemption information	<input checked="" type="checkbox"/> Yes
China RoHS Regulation	<input checked="" type="checkbox"/> China RoHS Declaration
Environmental Disclosure	<input checked="" type="checkbox"/> Product Environmental Profile
Circularity Profile	<input checked="" type="checkbox"/> End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Take-back	No
Carbon footprint (kg CO2 eq, Total Life cycle)	34