

Product data sheet

Specifications



Power relay, SE Relays, SPST-NO-DM, 30A, 12 VDC, side flange cover

389FHXC1-12D

 **Discontinued on:** Aug 7, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

 **Discontinued**

Main

Product Type	Power relay
Switch Function	SPST-NO-DM
Contact Composition	2 NO

Complementary

Input Current	30 A
Contacts Material	Silver alloy contacts
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	30 A at 300 V AC (on resistive load) conforming to UL 10 A at 600 V AC (on resistive load) conforming to UL 30 A at 28 V DC (on resistive load) conforming to UL 22 A at 120 V AC (full load) conforming to UL 25 A at 277 V AC (ballast) conforming to UL 30 A at 250 V AC-1 (NO/NC) conforming to IEC 30 A at 28 V DC-1 (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	600 V AC
Motor Power HP	1.5 hp 200...600 V AC 50/60 Hz 1 hp 120...200V 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 CSA CE

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

Electrical Durability	100000 cycles resistive load 50000 cycles resistive DC load
Mechanical Durability	5000000 cycles
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	3606480276736
Returnability	No

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	1.49 in (3.78 cm)
Package 1 Length	1.36 in (3.45 cm)
Package weight(Lbs)	3.0 oz (84 g)

Contractual warranty

Warranty (in months)	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](#) >

Use Better

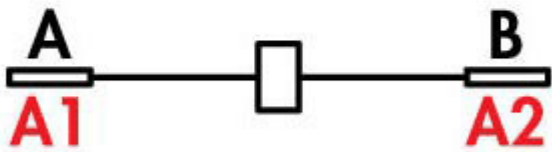
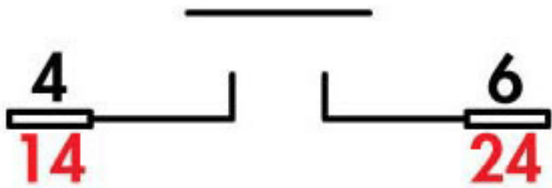
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is 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

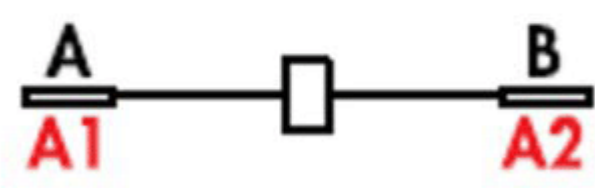
Connections and Schema

Connections and Wiring Diagrams



SPST-NO-(DM)

Connections and Wiring Diagrams



SPST-NO-(DM)