

Product data sheet

Specifications



Power relay, SE Relays, DPDT, 30A, 24 VDC, side flange cover, magnetic blowout

300XBX69C1-24D

⚠ Discontinued on: Jun 12, 2024

⚠ Discontinued

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

Main

Product Type	Power relay
Switch Function	DPDT
Contact Composition	2 NO + 2 NC
Contact Blow-out Type	Magnetic

Complementary

Input Current	30 A
Contacts Material	Silver alloy contacts
Minimum Switching Current	500 mA 5 V DC
Coil Resistance	300 Ohm
Input voltage	24 V DC
Drop-out Voltage Threshold	$\geq 0.1 U_c$ DC $\geq 0.15 U_c$ AC
Rated Operational Current	30 A at 300 V AC (at nominal load) conforming to UL 15 A at 600 V AC (at nominal load) conforming to UL 30 A at 28 V DC (on resistive load) conforming to UL 5 A at 150 V DC (on resistive load) conforming to UL 5.5 A at 120 V AC (on pilot duty) conforming to UL 1.2 A at 600 V AC (on pilot duty) conforming to UL
Power consumption in W	2.3 W DC
Power consumption in VA	3.4 VA AC
Voltage Range	0.8...1.1 U_n DC
Maximum Switching Voltage	600 V AC
Motor Power HP	1 hp 120 V AC 50/60 Hz 2 hp 208/240 V AC 50/60 Hz 2 hp 480/600 V AC 50/60 Hz
Connections Terminals	Quick
Mounting	Flange
Height	2.9 in (73.6 mm)
Width	1.5 in (37.8 mm)
Depth	1.4 in (34.5 mm)
Product Weight	3.4 oz (95 g)

Environment

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

Ambient Air Temperature for Operation	-40...131 °F (-40...55 °C)
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Product Certifications	UL CSA
Electrical Durability	100000 cycles
Mechanical Durability	5000000 cycles
Dielectric Strength	4000 V AC between coil and contact 2500 V AC between poles 2500 V AC between contacts

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480276255
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.36 in (3.45 cm)
Package 1 Width	1.49 in (3.78 cm)
Package 1 Length	2.90 in (7.36 cm)
Package weight(Lbs)	3.0 oz (85 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 >](#)



Environmental footprint

Total lifecycle Carbon footprint	38 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]	37 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
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
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Use Again

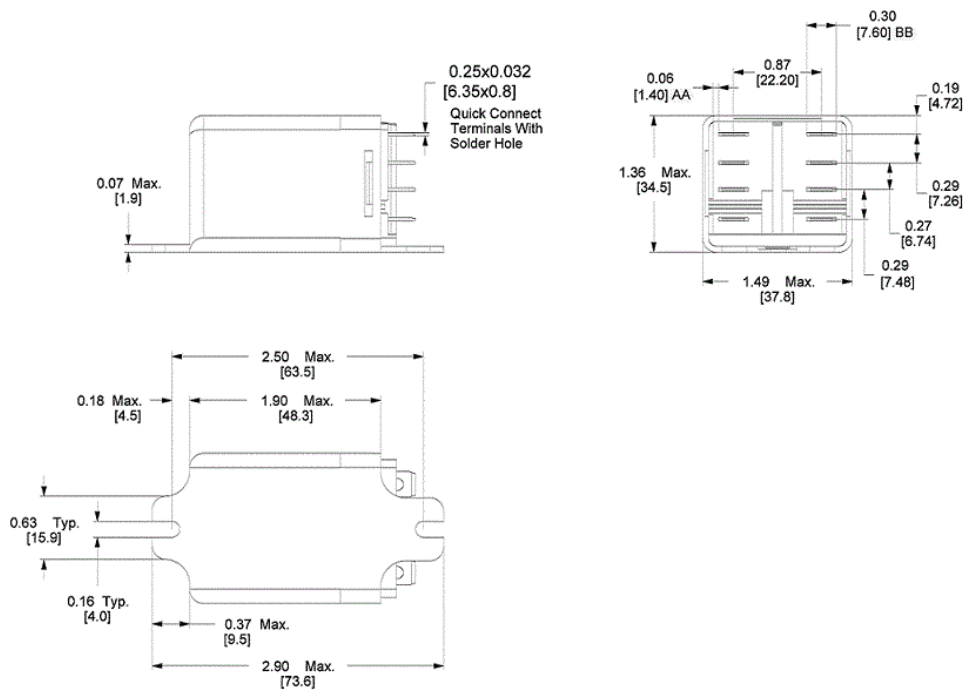


Repack and remanufacture

Recyclability potential, in %	68
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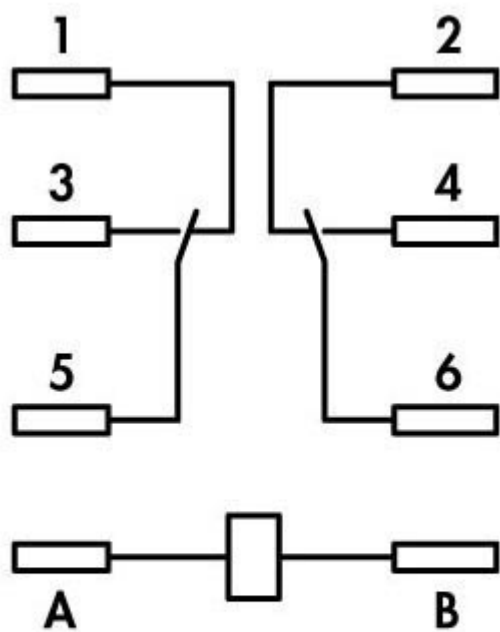
Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams



XBX DPDT