Product data sheet

Specifications



Power relay, SE Relays, DPDT, 40A, 24 VDC, magnetic blowout, 1/4 in QC term on coil

199BQX-187

Product availability: Stock - Normally stocked in distribution facility

Main

Product Type	Power relay
Switch Function	DPST-NO
Contact Composition	2 NO
Contact Blow-out Type	Magnetic
Cover Type	Open cover

Complementary

Input Current	40 A
Contacts Material	Silver alloy contacts
Rated Operational Voltage	6...600 V AC 50-60 Hz 6...250 V DC
Minimum Switching Current	1000 mA 5 V AC/DC
Coil Resistance	2000 Ohm
Input voltage	64 V DC
Drop-out Voltage Threshold	>= 0.1 Uc AC/DC
Rated Operational Current	40 A at 300 V AC (on resistive load) conforming to UL 40 A at 28 V DC (on resistive load) conforming to UL 20 A at 110 V DC (on resistive load) conforming to UL 8 A at 220 V DC (on resistive load) conforming to UL 4 A at 325 V DC (on resistive load) conforming to UL 2 A at 500 V DC (on resistive load) conforming to UL
Power consumption in W	4 W DC
Power consumption in VA	10 VA AC
Voltage Range	0.85...1.1 Un AC/DC
Maximum Switching Voltage	600 V DC
Motor Power HP	2 hp 120...600 V AC 50/60 Hz
Connections Terminals	Quick
Wire Range	10 AWG
Terminal Tightening Torque	10.6…15.05 lbf.in (1.2…1.7 N.m)

Environment

Ambient Air Temperature for Operation	-67…131 °F (-55…55 °C)
Ambient Air Temperature for Storage	-67…212 °F (-55…100 °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	UL Listed CSA CE
Electrical Durability	100000 cycles resistive DC load
Dielectric Strength	2200 V AC between coil and contact 2200 V AC between poles 1500 V AC between open contacts

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606481104939
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.95 in (4.96 cm)
Package 1 Width	2.49 in (6.32 cm)
Package 1 Length	2.50 in (6.36 cm)
Package weight(Lbs)	11.005 oz (312 g)

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 >

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant**
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**

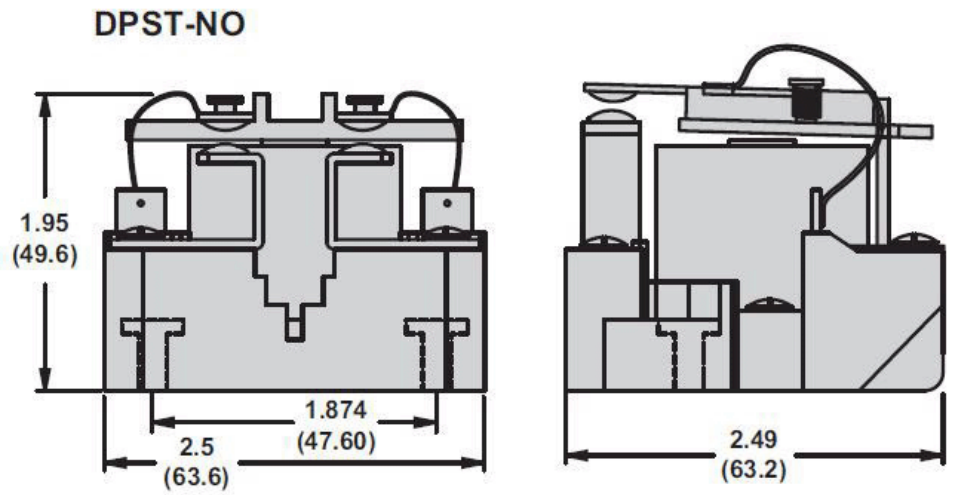
Use Again

Repack and remanufacture

Circularity Profile	**No need of specific recycling operations**

Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams

