

Product data sheet

Characteristics

199BX-18

Power relay, SE Relays, DPDT, 40A, 24 VDC, magnetic blowout, open type, heavy duty

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

Price*: 72.02 USD



Main

Product or Component Type	Power relay
Switch Function	DPDT
Contacts type and composition	2 C/O
Contact blow-out type	Magnetic
Cover type	Open cover

Complementary

Input current	40 A
Short-circuit current	3 KA
Associated fuse rating	50 A gG at 690 V coordination type 2 for power circuit
Average impedance	4 MOhm
Contacts material	Silver alloy contacts
Wire stripping length	0.3 In (8 mm)
[Ue] rated operational voltage	6...600 V AC 50-60 Hz 6...250 V DC
Minimum switching current	1000 MA 5 V AC/DC
Input resistance	1200 Ohm
Input voltage	48 V DC
Drop-out voltage threshold	$\geq 0.1 U_c$ AC/DC
[Ie] 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 U_n AC/DC
Maximum switching voltage	600 V DC
Maximum Horse Power Rating	2 Hp 120...600 V AC 50/60 Hz
Connections - terminals	Screw terminal - 1 x 0.009 in ² (6 mm ²)
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)
Product Certifications	UL Listed[RETURN]CSA[RETURN]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	3606480275944
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.06 In (5.24 cm)
Package 1 Width	2.49 In (6.32 cm)
Package 1 Length	2.50 In (6.36 cm)
Package 1 Weight	11.005 Oz (312 g)

Environmental data

Packaging without single use plastic	No
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	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Take-back	No

Product Life Status : **Commercialised**