Product data sheet

Specifications



Power relay, SE Relays, 12A, DPDT, 24 VAC, hermetically sealed contacts, hazardous location series

750XBXH-24A

Product availability: Stock - Normally stocked in distribution facility

Main

Product Type	Relay
Switch Function	DPDT
Contact Composition	2 NC + 2 NO

Complementary

Input Current	12 A
Contacts Material	Silver alloy contacts
Minimum Switching Current	100 mA 5 V
Coil Resistance	72 Ohm
Input voltage	24 V AC
Drop-out Voltage Threshold	>= 0.15 Uc AC >= 0.1 Uc DC
Rated Operational Current	12 A at 120 V AC conforming to UL 12 A at 240 V AC conforming to UL 12 A at 28 V DC conforming to UL
Power consumption in W	1.2 W DC
Power consumption in VA	2.75 VA AC
Voltage Range	0.85...1.1 Un AC/DC
Maximum Switching Voltage	300 V
Motor Power HP	0.5 hp 240 V AC 50/60 Hz 0.33 hp 120 V AC 50/60 Hz
Connections Terminals	octal terminal - 8 pins
Mounting	Socket
Height	2.07 in (52.5 mm)
Width	1.4 in (36.5 mm)
Depth	1.6 in (41.2 mm)
Product Weight	4.6 oz (130 g)
Operating Time	20 ms

Environment

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

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
Mechanical Durability	10000000 cycles
IP Degree of Protection	IP67
Dielectric Strength	1600 V AC between coil and contact 1600 V AC between poles 1500 V AC between open contacts
Shock Resistance	10 gn
Vibration Resistance	3 gn 35…150 Hz)operating +/- 1 mm 10…35 Hz)operating 6 gn 35…150 Hz)not operating +/- 1 mm 10…35 Hz)not operating

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480279249
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.400 in (3.556 cm)
Package 1 Width	1.600 in (4.064 cm)
Package 1 Length	2.600 in (6.604 cm)
Package weight(Lbs)	4.320 oz (122.470 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.600 in (4.064 cm)
Package 2 Width	5.500 in (13.970 cm)
Package 2 Length	8.800 in (22.352 cm)
Package 2 Weight	2.879 lb(US) (1.306 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	60
Package 3 Height	5.900 in (14.986 cm)
Package 3 Width	11.600 in (29.464 cm)
Package 3 Length	15.600 in (39.624 cm)
Package 3 Weight	18.301 lb(US) (8.301 kg)

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 >

Environmental footprint

Total lifecycle Carbon footprint	**19 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.9 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]	**17 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	Compliant
REACh Regulation	Free of Substances of Very High Concern above the threshold
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**

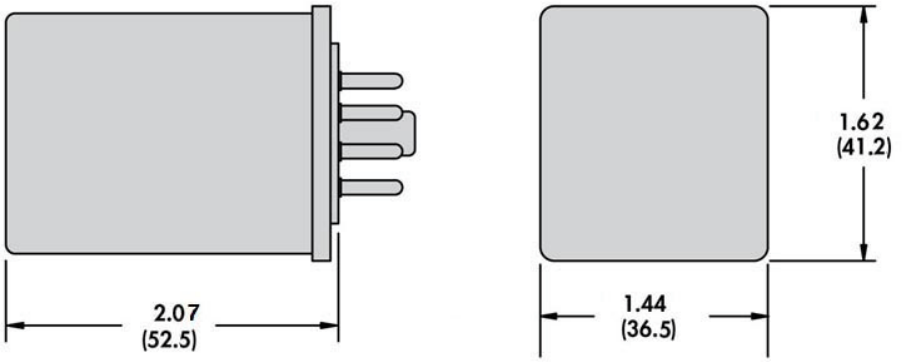
Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Take-back	**No**

Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams

