

Product data sheet

Specifications



Relay, General Purpose Relays, DPDT, hermetically, hazardous location series, octal terminal 8 pins, 12A, 12V DC, 2NC + 2NO

750XBXH-12D

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	120 Ohm
Input voltage	12 V DC
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
Voltage Range	0.8...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	3606480279225
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.62 in (4.12 cm)
Package 1 Width	1.44 in (3.65 cm)
Package 1 Length	2.07 in (5.25 cm)
Package 1 Weight	4.6 oz (130 g)

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	
Carbon footprint (kg CO2 eq, Total Life cycle)	18
Environmental Disclosure	Product Environmental Profile

Use Better

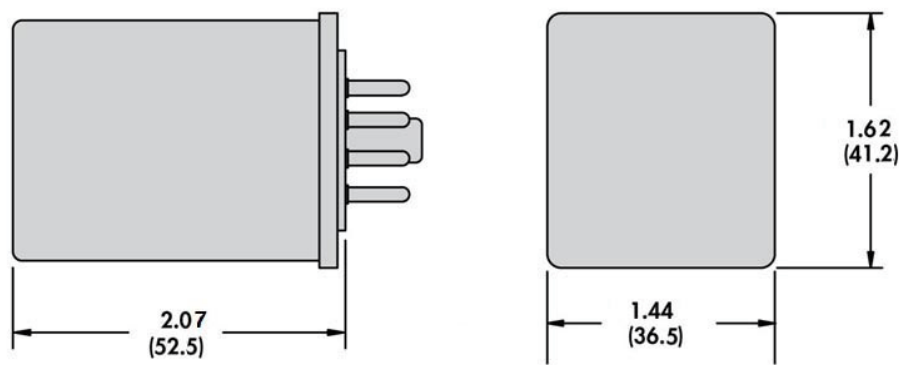
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: 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	End of Life Information
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

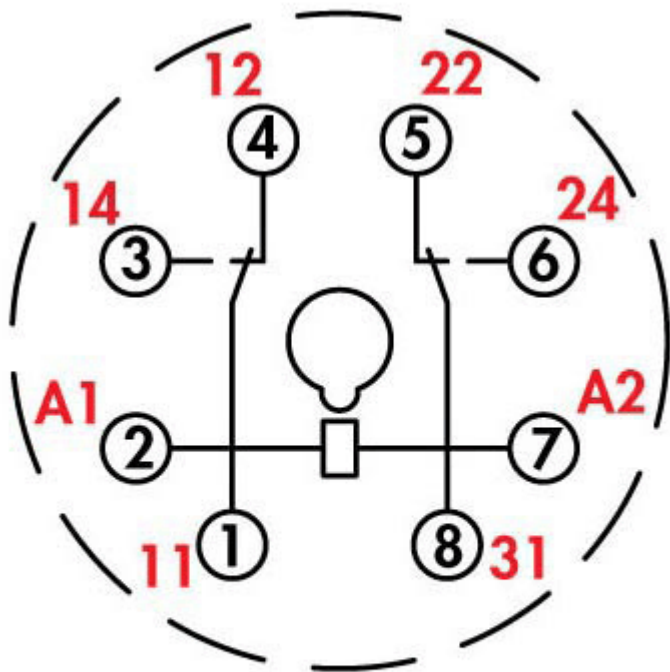
Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams



NEMA
IEC

Image of product / Alternate images

Alternative



