

Product data sheet

Specifications



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

750XBXH-24D

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	470 Ohm
Input voltage	24 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	1.44 in (36.5 mm)
Depth	1.62 in (41.2 mm)
Product Weight	4.59 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
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

GTIN	3606480279256
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Offer Sustainability

Sustainable offer status	Green Premium product
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
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Approximate Dimensions



