



Power relay, SE Relays, 12A, DPDT, 120 VAC, hermetically sealed contacts, hazardous location series

750XBXH-120A

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

# Complementary

Complementary	
Input Current	12 A
Contacts Material	Silver alloy contacts
Minimum Switching Current	100 mA 5 V
Coil Resistance	1700 Ohm
Input voltage	120 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	0.81.1 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	-40131 °F (-4055 °C)	
Operation		

Ambient Air Temperature for Storage	-40185 °F (-4085 °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 35150 Hz)operating +/- 1 mm 1035 Hz)operating 6 gn 35150 Hz)not operating +/- 1 mm 1035 Hz)not operating

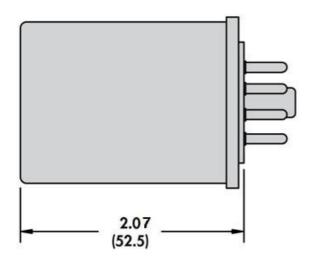
# Ordering and shipping details

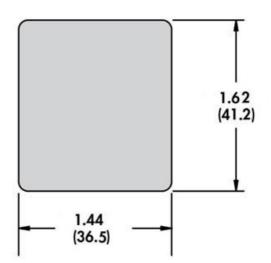
<b>GTIN</b> 3606480279218	
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Offer Sustainability	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause 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

**Dimensions Drawings** 

### **Approximate Dimensions**





Connections and Schema

# **Connections and Wiring Diagrams**

