

750XCXH-12D

Power relay, SE Relays, 12A, 3PDT, 12 VDC, hermetically sealed contacts, hazardous location series



Main

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|---------------------|-------------|
| Product Type | Relay |
| Switch Function | 3PDT |
| Contact Composition | 3 NO + 3 NC |

Complementary

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|----------------------------|--|
| 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 | $\geq 0.15 U_c$ AC $\geq 0.1 U_c$ 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 U_n 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 (11 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) |

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.

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| Operating Time | 20 ms |
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Environment

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| 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 |

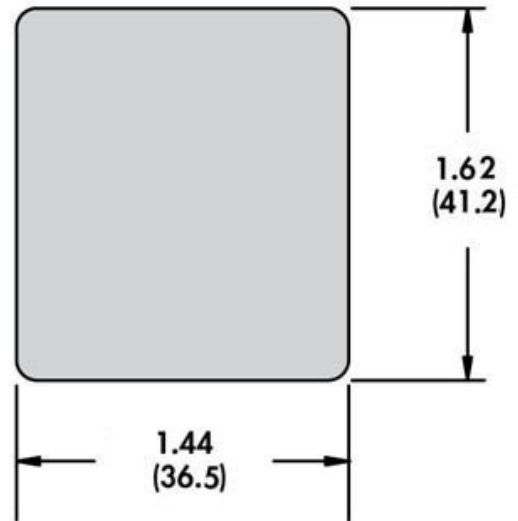
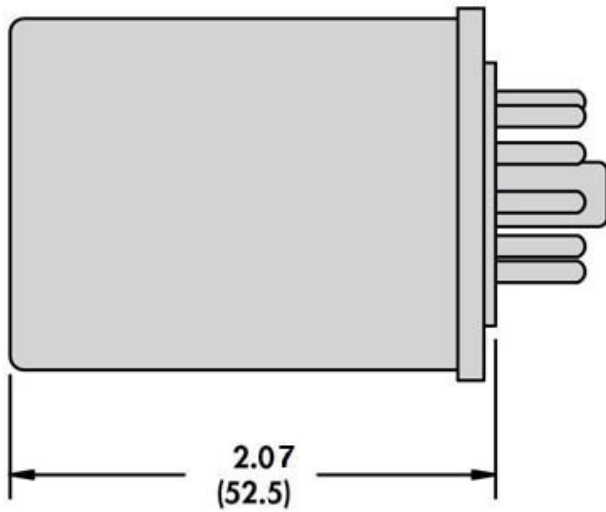
Ordering and shipping details

| | |
|------|----------------|
| GTIN | 03606480780387 |
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Offer Sustainability

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|----------------------------|--|
| 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



Connections and Wiring Diagrams

