

Product data sheet

Specifications



Power relay, SE Relays, 12A, DPDT, 110 VDC, hermetically sealed contacts, hazardous location series

750XBXH-110D

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 | 10 kOhm |
| Input voltage | 110 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 - 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.

| | |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| 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 | 3606480279201 |
| Returnability | Yes |
| Country of origin | CN |

Packing Units

| | |
|-------------------------------|-------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 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 weight(Lbs) | 4.6 oz (130 g) |

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. |
| Environmental Disclosure | Product Environmental Profile |
| 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. |

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 Longer



Lifetime extension

| | |
|--------|----|
| Repair | No |
|--------|----|

Use Again

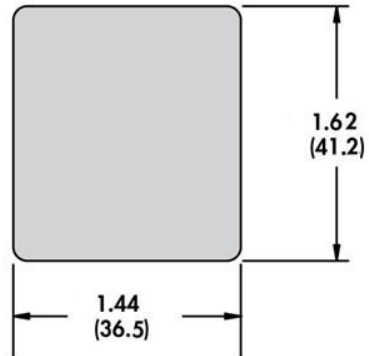
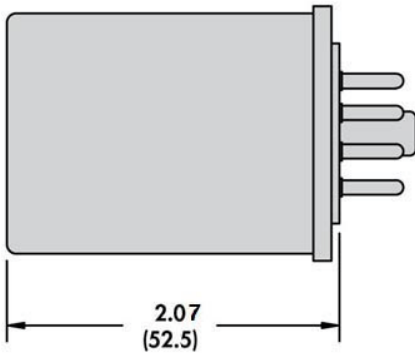


Repack and remanufacture

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

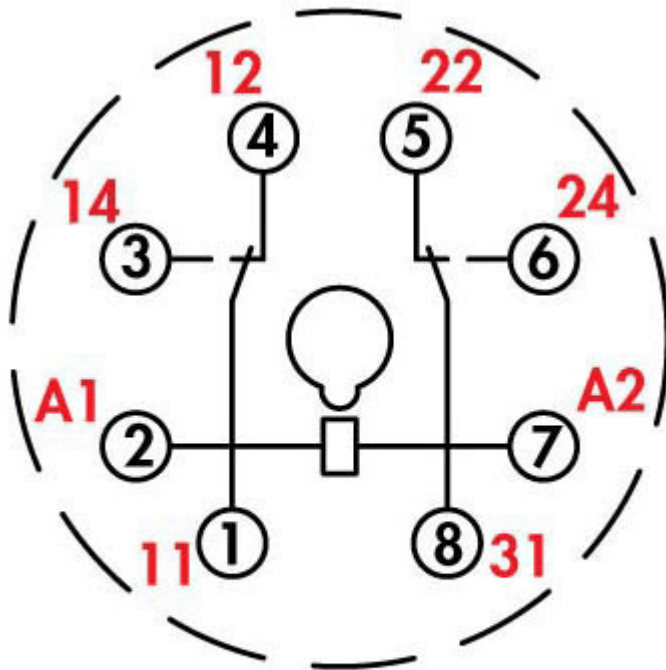
Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams



NEMA
IEC