

# Product data sheet

Specifications



## General purpose relay, SE Relays, 750R, DPDT, 10A, 48 VDC, octal terminal 8 pins, clear cover

750XBXRC-48D

⚠ Discontinued on: Oct 22, 2024

⚠ Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

### Main

Product Type	Plug-in electromechanical relay
Rated Line Current	10 A
Switch Function	DPDT
Contact Composition	2 NC + 2 NO

### Complementary

Rated Operational Current	10 A at 277 V AC (on resistive load) conforming to UL 10 A at 30 V DC (on resistive load) conforming to UL 10 A at 250 V AC-1 (1 NO) (on resistive load) conforming to IEC 10 A at 28 V DC-1 (1 NO) (on resistive load) conforming to IEC 5 A at 250 V AC-1 (1 NC) (on resistive load) conforming to IEC 5 A at 28 V DC-1 (1 NC) (on resistive load) conforming to IEC
[Ue] rated operational voltage	48 V DC
Maximum Switching Voltage	300 V AC UL 30 V DC UL 250 V AC IEC 28 V DC IEC
Mounting Support	plug-in
Local Signalling	Flag Cover
Contacts Material	Silver alloy, gold flashed
Rated Power in HP	0.33 HP 120 V AC 1 HP 277 V AC
Connections Terminals	octal terminal connector socket 8 pins)
Control Circuit Voltage Limits	0.8...1.1 Un DC
Resistance	1800 Ohm
Average Coil Consumption	1.4 W
Vibration Resistance	+/- 1 mm 10...35 Hz in operation 3 gn 35...150 Hz in operation
Operating Time	20 ms
Drop-out Voltage Threshold	>= 0.15 Uc AC >= 0.1 Uc DC
Minimum Switching Current	10 mA 17 V DC
Product Weight	2.9 oz (83 g)
Height	2.05 in (52 mm)
Width	1.4 in (35 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Depth	1.4 in (35.5 mm)
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## Environment

Shock Resistance	10 gn
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 CE EAC
Dielectric Strength	2500 V AC between coil and contact 2000 V AC between poles 1500 V AC between contacts
Electrical Durability	100000 cycles
Mechanical Durability	5000000 cycles
IP Degree of Protection	IP40

## Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480779282
Returnability	No
Country of origin	CN

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.41 in (3.57 cm)
Package 1 Width	1.4 in (3.5 cm)
Package 1 Length	2.09 in (5.3 cm)
Package weight(Lbs)	2.9 oz (83 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 >](#)

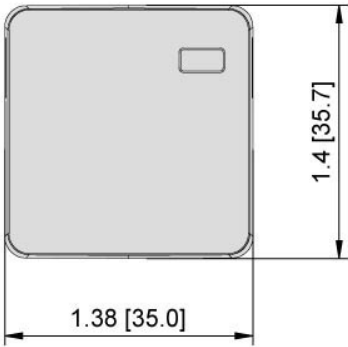
### Use Better

 <b>Materials and Substances</b>	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions Drawings

Approximate Dimensions

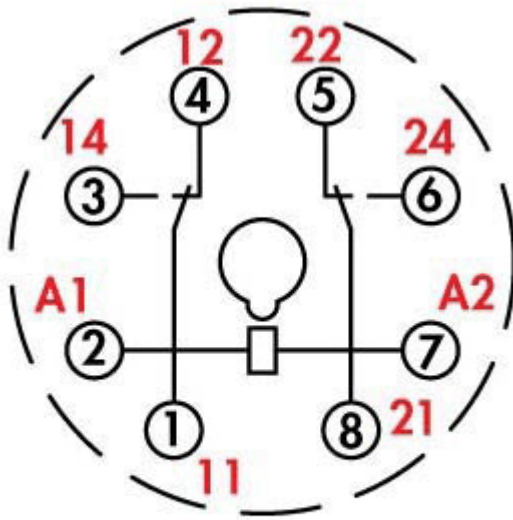
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Connections and Schema

Connections and Wiring Diagrams

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**NEMA**  
**IEC**