

Product data sheet

Specifications



Power DIN/Panel Mount Relay, 25A, 2 NO, 48 V DC, LED Push Button, with Blade Terminals

725BXXBC3ML-48D

⚠ Discontinued on: Aug 7, 2023

⚠ Discontinued

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

Main

Range of Product	Harmony Relay
Series name	Power
Product or Component Type	Power relay
Contacts type and composition	2 NO
Network Frequency	50/60 Hz
Local signalling	LED indicator test button

Complementary

class number	725
Minimum switching current	100 mA 5 V DC
Nominal input voltage	38.4...52.8 V DC
Electrical durability	100000 cycles resistive IEC
Dielectric strength	4000 V AC between coil and contact 2000 V AC between poles
Control Type	Test button
Coil resistance	1220 Ohm
Average coil consumption	1.90 W
Response Time	30 ms
Maximum switching voltage	240 V CE 277 V UL
Drop-out voltage threshold	DC
Rated power in W	1.3 kW 120 V tungsten
Rated power in hp	1 hp 120 V AC 2 hp 277 V AC
[Ie] rated operational current	25 A at 277 V AC (on resistive load) conforming to UL 25 A at 240 V AC (general purpose) conforming to UL 25 A at 30 V DC (on resistive load) conforming to UL 25 A at 240 V AC (on resistive load) conforming to IEC 25 A at 28 V DC (on resistive load) conforming to IEC
Mechanical durability	5000000 cycles
Mounting Support	DIN rail Flange
Contacts material	Silver alloy contacts
Width	1.4 in (34.9 mm)

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

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

Height	2.7 in (67.7 mm)
Depth	1.9 in (49.4 mm)
Net Weight	4.2 oz (120 g)

Environment

Standards	IEC 60947-1 UL 60947-4-1A
Product Certifications	UL CSA CE
Ambient Air Temperature for Storage	-67...212 °F (-55...100 °C)
Ambient Air Temperature for Operation	-4...131 °F (-20...55 °C)
IP Degree of Protection	IP40

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480278938
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.67 in (6.77 cm)
Package 1 Width	1.30 in (3.31 cm)
Package 1 Length	1.94 in (4.94 cm)
Package weight(Lbs)	4.2 oz (120 g)

Contractual warranty

Warranty (in months)	18
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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

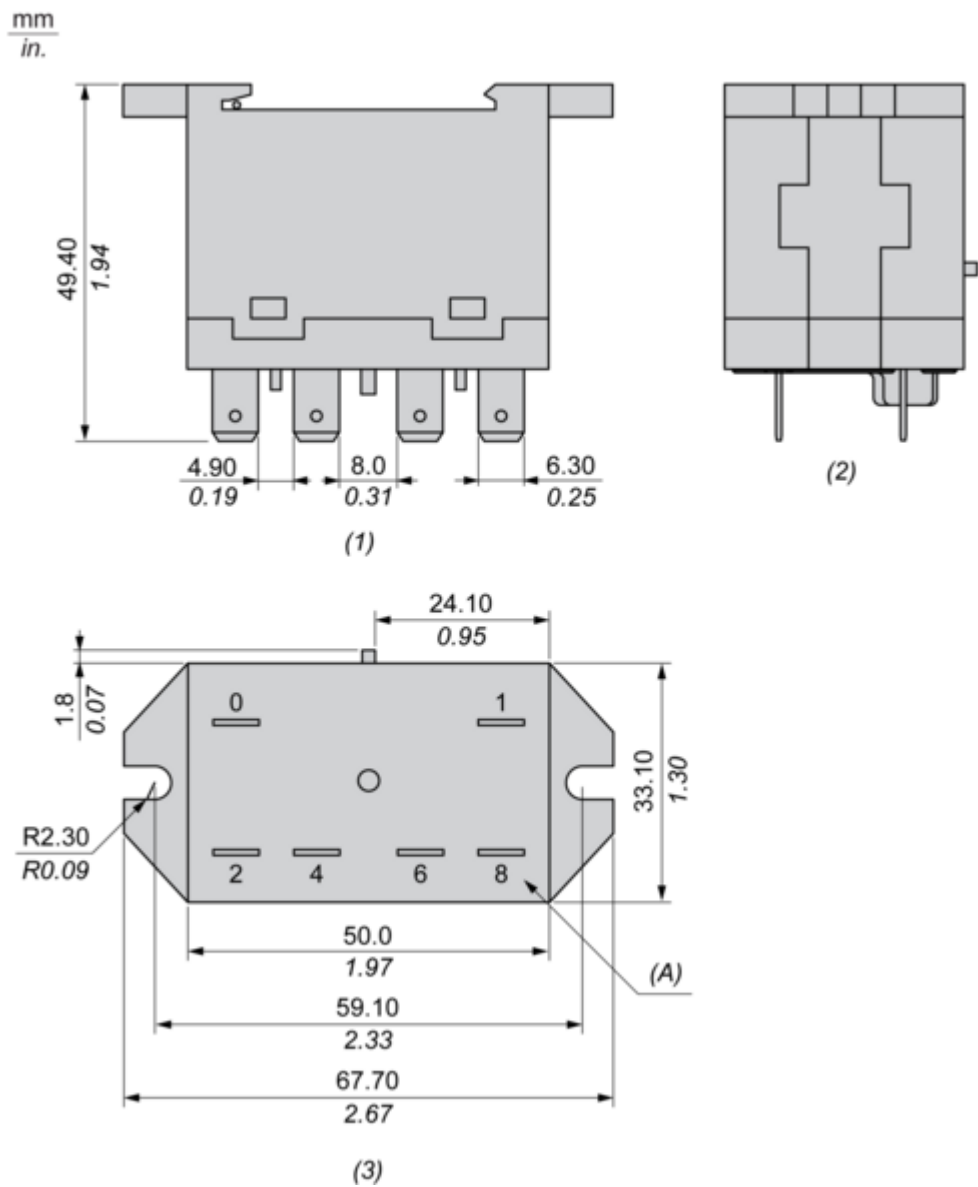
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known 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

Dimensions Drawings

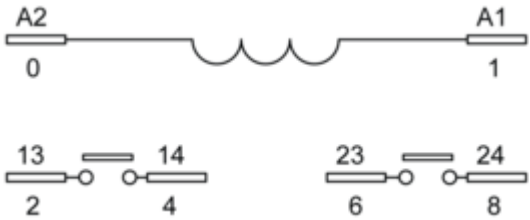
Dimensions



- (1) : Back View
- (2) : Side View
- (3) : Top View
- (A) : Terminal numbers molded into base

Connections and Schema

Wiring



Technical Illustration

Dimensions

