

Product data sheet

Specifications



power relay, Harmony
Electromechanical Relays, DIN rail
or panel mount relay, 25A, 2NO,
LED, lockable test button, flat
(faston type), 24V DC

725BXXBC3ML-24D

Main

Range of product	Harmony Electromechanical Relays
Series name	725 series
Product or component type	DIN rail/panel mount relay
Contacts type and composition	2 NO
Relay type	Power relay
status LED	With
[Uc] control circuit voltage	24 V DC
Network frequency	50/60 Hz
[Ithe] conventional enclosed thermal current	25 A
Local signalling	LED indicator test button

Complementary

class number	725
Minimum switching current	100 mA at 5 V DC
Nominal input voltage	19.2...26.4 V DC
Electrical durability	100000 cycles resistive load conforming to IEC
Dielectric strength	4000 V AC between coil and contact 2000 V AC between poles
Control type	Test button
Coil resistance	300 Ohm
Average coil consumption	1.90 W
Wire stripping length	8 mm
Response time	30 ms
Associated fuse rating	32 A gG at 400 V coordination type 2 for power circuit
Short-circuit current	3 kA
Average pole impedance	2 mOhm
Maximum switching voltage	240 V conforming to CE 277 V conforming to UL
Drop-out voltage threshold	DC
Rated power in W	1.3 kW 120 V tungsten
Rated power in hp	1 hp at 120 V AC 2 hp at 277 V AC

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

[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 Panel
Contacts material	Silver alloy contacts
Shape of pin	Flat (faston type)
Width	34.9 mm
Height	67.7 mm
Depth	49.4 mm
Product weight	120 g

Environment

Standards	IEC 60947-1 UL 60947-4-1A
Product certifications	UL CSA CE
Ambient air temperature for storage	-55...100 °C
Ambient air temperature for operation	-20...55 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.94 cm
Package 1 Width	3.31 cm
Package 1 Length	6.77 cm
Package 1 Weight	120.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	7.6 cm
Package 2 Width	14.6 cm
Package 2 Length	31.9 cm
Package 2 Weight	1.2 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	100
Package 3 Height	33.0 cm
Package 3 Width	31.0 cm
Package 3 Length	36.0 cm
Package 3 Weight	12.0 kg

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

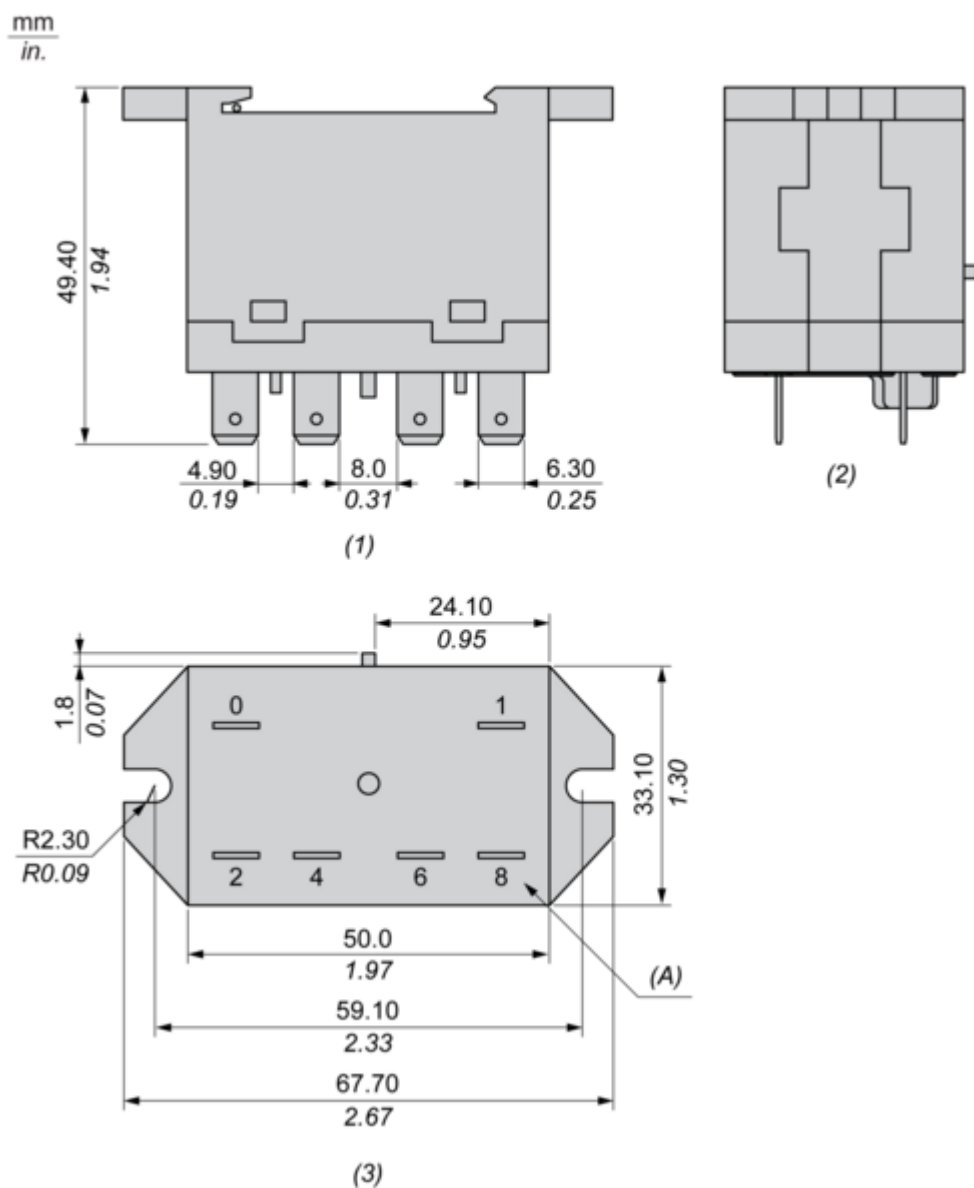
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known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

 Repack and remanufacture	
Take-back	No

Dimensions Drawings

Dimensions



(1) : Back View

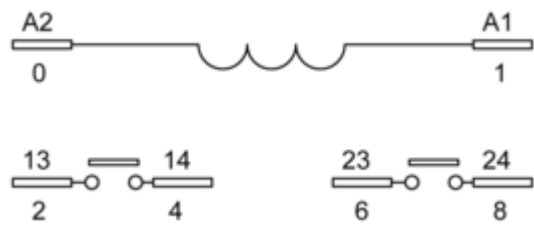
(2) : Side View

(3) : Top View

(A) : Terminal numbers molded into base

Connections and Schema

Wiring



Technical Illustration

Dimensions

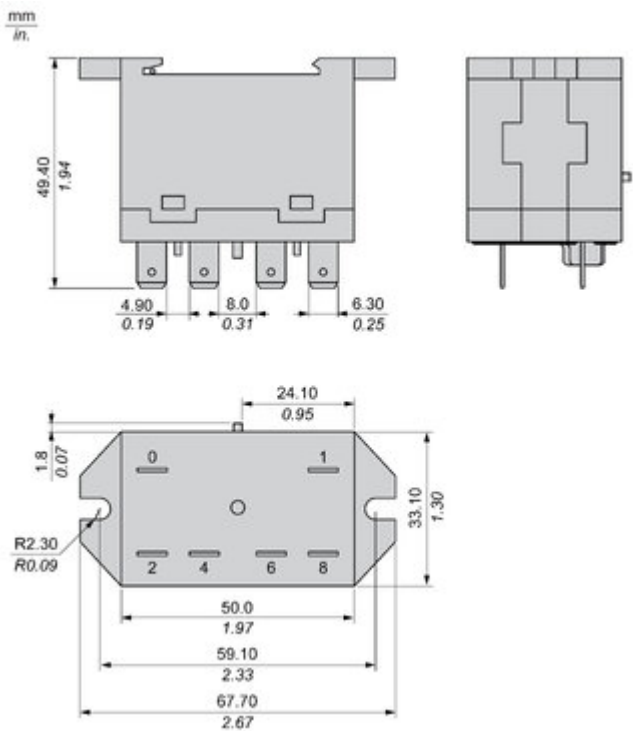


Image of product / Alternate images

Alternative





Image of product in real life situation

