

Product data sheet

Specifications



power plug in relay, Harmony Electromechanical Relays, 25A, 2NO, with LED, lockable test button, 12V DC

725BXXBM4L-12D

Main

Range of product	Harmony Electromechanical Relays
Series name	725 series
Product or component type	Plug-in relay
Contacts type and composition	2 NO
Relay type	Power relay
status LED	With
[Uc] control circuit voltage	12 V DC
Network frequency	50/60 Hz
[Ithe] conventional enclosed thermal current	25 A
Local signalling	LED indicator lockable test button Flag

Complementary

class number	725
Minimum switching current	100 mA at 5 V DC
Nominal input voltage	9.6...13.2 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	Lockable test button
Coil resistance	75 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	Plug-in
Contacts material	Silver alloy contacts
Shape of pin	Flat (faston type)
Width	33.1 mm
Height	50 mm
Depth	53.05 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	3.31 cm
Package 1 Width	5 cm
Package 1 Length	5.08 cm
Package 1 Weight	120 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

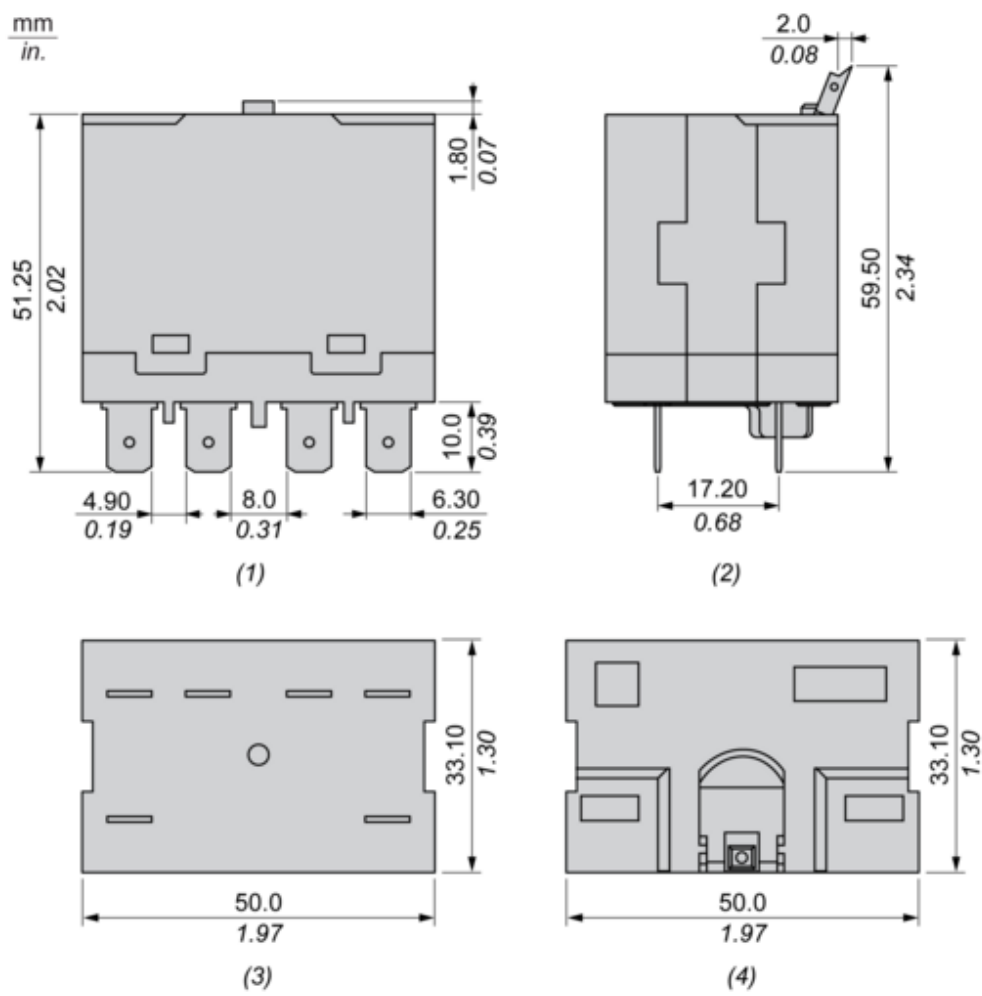
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known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

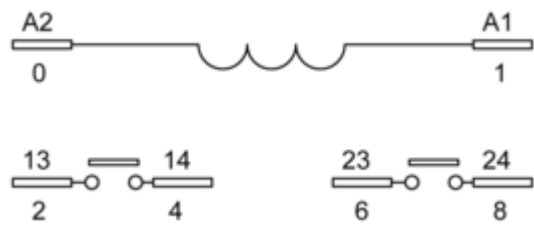
Dimensions



- (1) : Back View
- (2) : Side View
- (3) : Bottom view
- (4) : Top view

Connections and Schema

Wiring



Technical Illustration

Dimensions

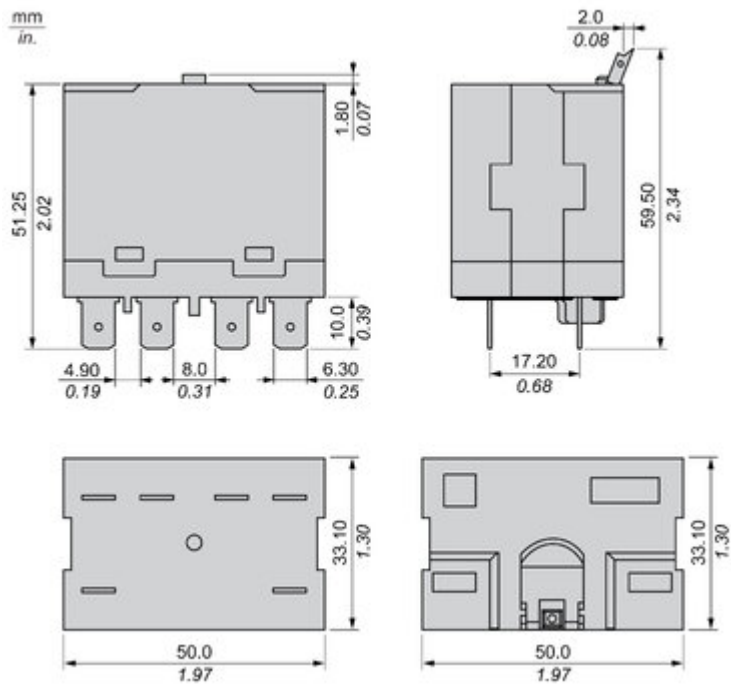
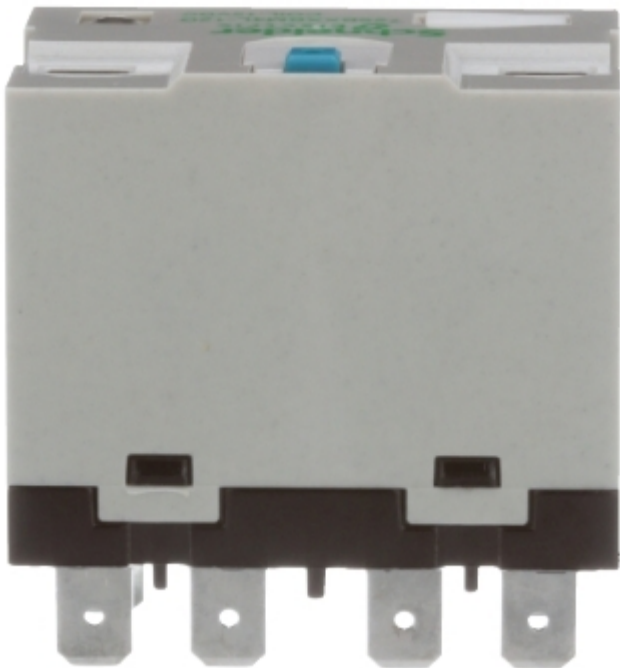


Image of product / Alternate images

Alternative



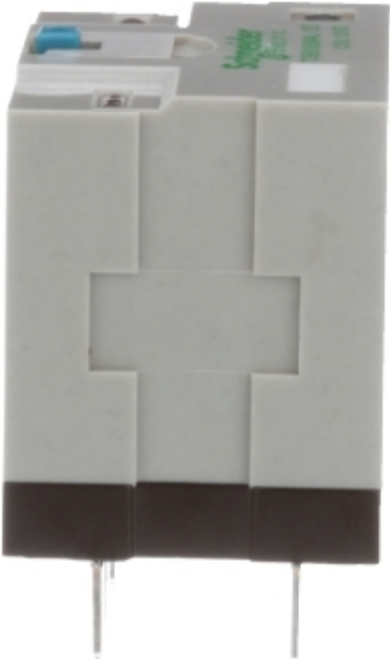


Image of product in real life situation

