

# Product data sheet

Specifications



**Power relay, SE Relays, 25A, 2NO, 24VAC, LED push button, screw terminals, DIN or panel mount**

725BXSC3ML-24A

**Product availability: Stock - Normally stocked in distribution facility**

## 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 AC
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 5 V DC
Nominal input voltage	20.4...26.4 V AC 50/60 Hz
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	275 Ohm
Average coil consumption	2.50 VA
Wire stripping length	0.3 in (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 CE 277 V UL
Drop-out voltage threshold	AC
Rated power in W	1.3 kW 120 V tungsten
Rated power in hp	1 hp 120 V AC 2 hp 277 V AC

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

[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
<b>Mechanical durability</b>	5000000 cycles
Tightening torque	10.6...15 lb.in 1.2...1.7 N.m
<b>Mounting Support</b>	DIN rail Panel
Contacts material	Silver alloy contacts
Shape of pin	Screw
Width	1.4 in (34.9 mm)
Height	2.7 in (67.7 mm)
Depth	2.1 in (53.9 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	IP20

## Ordering and shipping details

Category	US10CP221127
Discount Schedule	OCP2
GTIN	3606480279034
Returnability	Yes
Country of origin	CN

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.94 in (4.94 cm)
Package 1 Width	1.30 in (3.31 cm)
Package 1 Length	2.67 in (6.77 cm)
Package weight(Lbs)	4.2 oz (120.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.99 in (7.6 cm)
Package 2 Width	5.75 in (14.6 cm)
Package 2 Length	12.56 in (31.9 cm)

<b>Package 2 Weight</b>	2.6 lb(US) (1.2 kg)
<b>Unit Type of Package 3</b>	CAR
<b>Number of Units in Package 3</b>	100
<b>Package 3 Height</b>	12.99 in (33.0 cm)
<b>Package 3 Width</b>	12.20 in (31.0 cm)
<b>Package 3 Length</b>	14.17 in (36.0 cm)
<b>Package 3 Weight</b>	26.5 lb(US) (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
<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="#">www.P65Warnings.ca.gov</a>

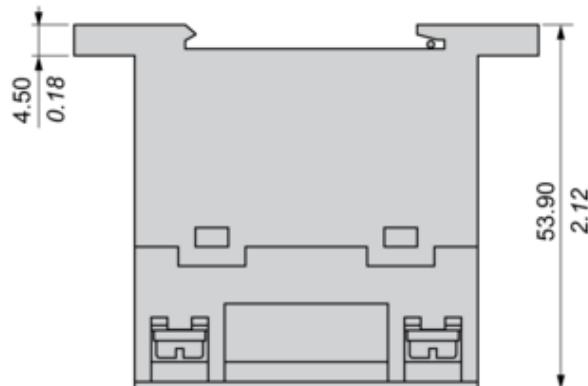
### Use Again

#### Repack and remanufacture

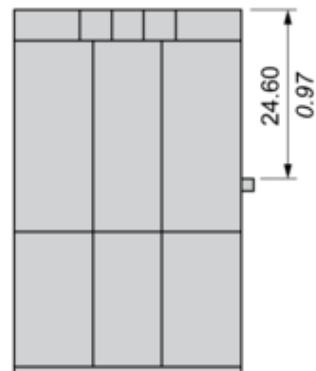
Take-back	No
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## Dimensions Drawings

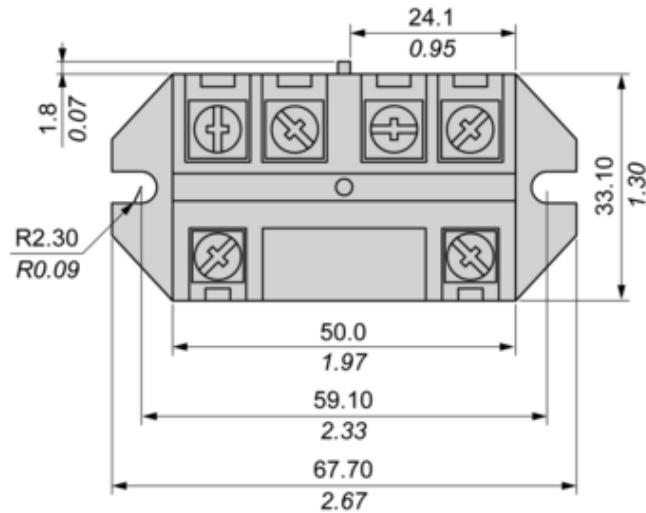
## Dimensions

mm  
in.

(1)



(2)



(3)

(1) : Back View

(2) : Side View

(3) : Top View

## Connections and Schema

Wiring

## Technical Illustration

## Dimensions

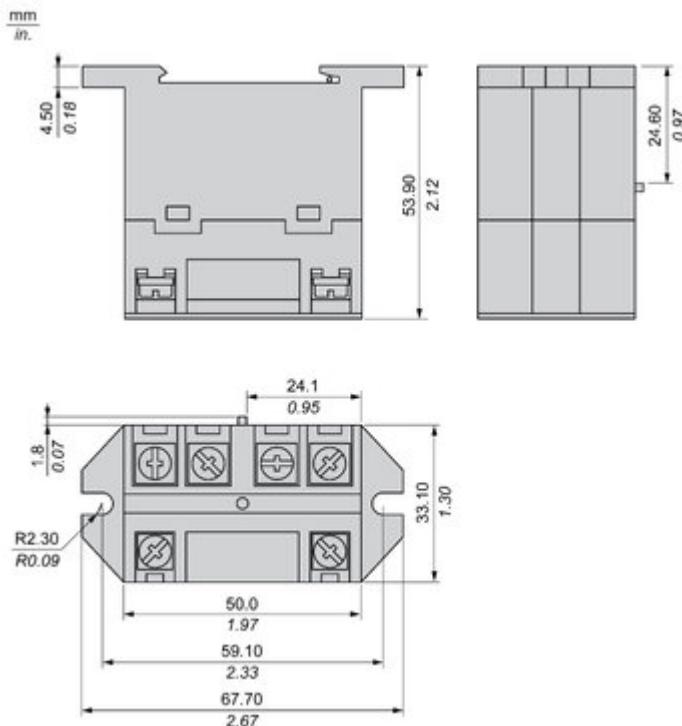


Image of product / Alternate images

Alternative

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Image of product in real life situation

