

# Product data sheet

Specifications



power relay, Harmony  
Electromechanical Relays, DIN rail  
or panel mount relay, 30A, 1NO,  
with LED, with lockable test button,  
screw type, 120V AC

725AXXSC3ML-120A

## Main

Range of product	Harmony Electromechanical Relays
Series name	725 series
Product or component type	DIN rail/panel mount relay
Contacts type and composition	1 NO
Relay type	Power relay
status LED	With
[Uc] control circuit voltage	120 V AC
Network frequency	50/60 Hz
[Ithe] conventional enclosed thermal current	30 A
Local signalling	LED indicator test button

## Complementary

class number	725
Minimum switching current	100 mA at 5 V DC
Nominal input voltage	102...132 V AC 50/60 Hz
Electrical durability	100000 cycles resistive load conforming to IEC
Dielectric strength	4000 V AC between coil and contact
Control type	Test button
Coil resistance	5200 Ohm
Average coil consumption	2.50 VA
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	AC
Rated power in W	1.5 kW 120 V tungsten
Rated power in hp	3 hp at 277 V AC 1.5 hp at 120 V AC

[Ie] rated operational current	30 A at 277 V AC (on resistive load) conforming to UL 30 A at 240 V AC (general purpose) conforming to UL 30 A at 30 V DC (on resistive load) conforming to UL 30 A at 240 V AC (on resistive load) conforming to IEC 30 A at 28 V DC (on resistive load) conforming to IEC
Mechanical durability	5000000 cycles
Tightening torque	10.6...15 lb.in 1.2...1.7 N.m
Mounting support	DIN rail Panel
Contacts material	Silver alloy contacts
Shape of pin	Screw
Width	34.9 mm
Height	67.7 mm
Depth	53.9 mm
Net 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
IP degree of protection	IP20

## 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

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Package 3 Weight

12.0 kg



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

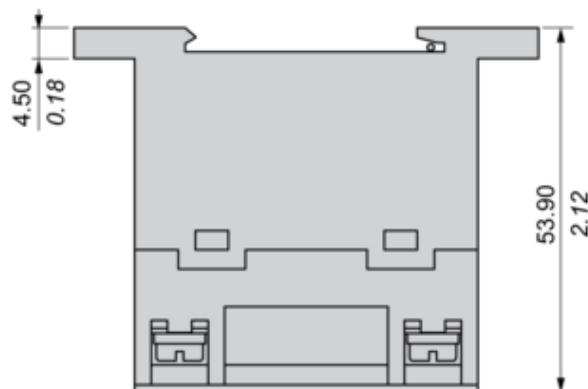
### Repack and remanufacture

Take-back	No
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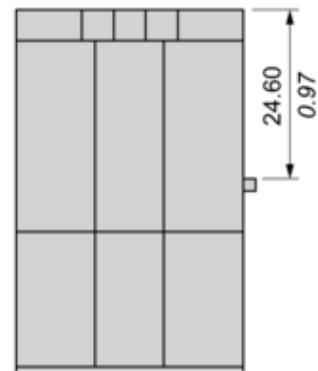
## Dimensions Drawings

## Dimensions

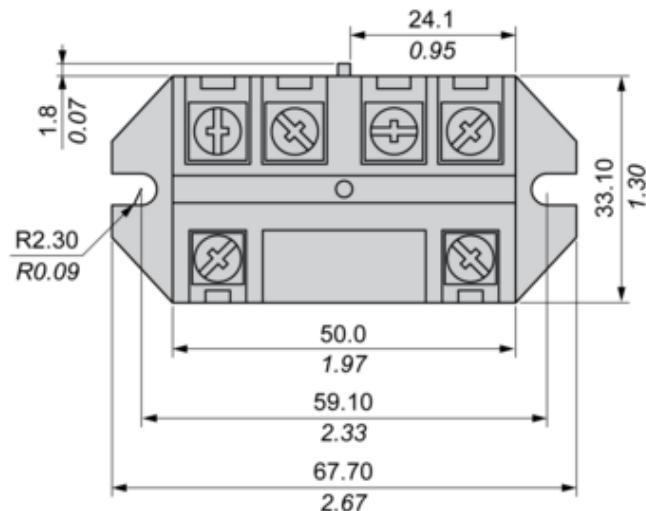
mm  
in.



(1)



(2)



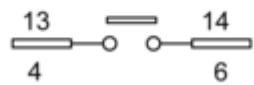
(3)

(1) : Back View

(2) : Side View

(3) : Top View

## Connections and Schema

Wiring

## Technical Illustration

## Dimensions

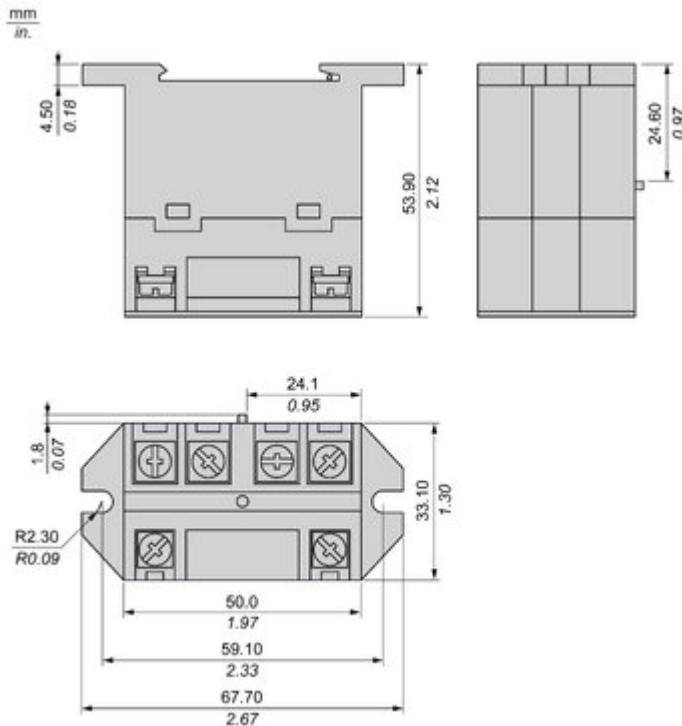


Image of product / Alternate images

Alternative

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Image of product in real life situation

