

# Product data sheet

Specifications



Power relay, Harmony, DIN rail or panel mount, 25A, with LED indicator test button, Faston type terminals, 120V AC, 2NO

725BXXBC3ML-120A

## Main

Product range	Harmony Electromechanical Relays
Product type	DIN rail/panel mount relay
[In] rated line current	25 A
Contact composition	2 NO
Contacts material	Silver alloy contacts
Series name	Power
Local signalling	LED indicator test button
Rated power in W	1.3 kW 120 V tungsten
Network frequency	50/60 Hz
Rated power in hp	1 hp at 120 V AC 2 hp at 277 V AC
[Uc] control circuit voltage	120 V
Connections - terminals	Quick-connect terminal

## Complementary

Class number	725
Control type	Test button
Maximum switching voltage	240 V conforming to CE 277 V conforming to UL
[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
Coil resistance	5200 Ohm
	Quick-connect terminal strips 6.35 x 0.8 mm
Minimum switching current	100 mA at 5 V DC
Drop-out voltage threshold	AC
Nominal input voltage	102...132 V AC 50/60 Hz
Average coil consumption	2.50 VA
Electrical durability	100000 cycles resistive load conforming to IEC
Mechanical durability	5000000 cycles

<b>Response time</b>	30 ms
<b>Dielectric strength</b>	4000 V AC between coil and contact 2000 V AC between poles
<b>Mounting</b>	DIN rail Flange
<b>Product weight</b>	120 g

## Environment

<b>Ambient temperature range - operational</b>	-20...55 °C
<b>Ambient air temperature for storage</b>	-55...100 °C
<b>Product certifications</b>	UL CSA CE
<b>Standards</b>	IEC 60947-1 UL 60947-4-1A
<b>IP degree of protection</b>	IP40
<b>Height</b>	67.7 mm
<b>Width</b>	34.9 mm
<b>Depth</b>	49.4 mm

## Packing Units

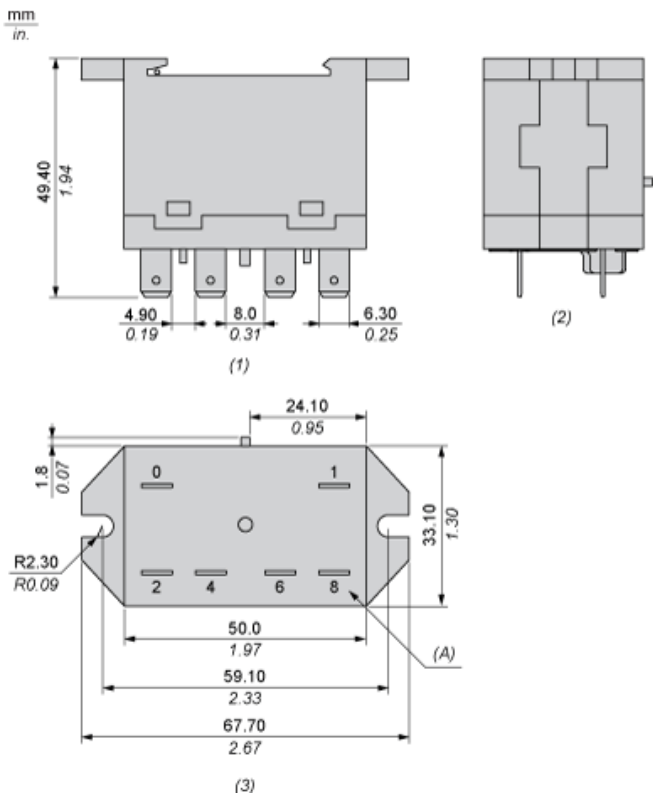
<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.08 cm
<b>Package 1 Width</b>	3.556 cm
<b>Package 1 Length</b>	7.112 cm
<b>Package 1 Weight</b>	90.719 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	7.6 cm
<b>Package 2 Width</b>	14.6 cm
<b>Package 2 Length</b>	31.9 cm
<b>Package 2 Weight</b>	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>	33 cm
<b>Package 3 Width</b>	31 cm
<b>Package 3 Length</b>	36 cm
<b>Package 3 Weight</b>	12 kg

## Offer Sustainability

<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Toxic heavy metal free</b>	Yes

<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>RoHS exemption information</b>	Yes
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>California proposition 65</b>	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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

**Dimensions**



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

**Wiring**

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**Recommended replacement(s)**