

# Product data sheet

Specifications



## Hermetically sealed plug in relays, Harmony, 5A, 4 CO, 120V AC

782XDXH21-120A

### Main

Product range	Harmony Electromechanical Relays
Product type	Plug-in relay
[In] rated line current	5 A
Contact composition	4 C/O
Contacts material	Silver alloy contacts
Cover options	Hermetically sealed
Series name	Miniature
[Uc] control circuit voltage	120 V

### Complementary

Class number	782H
Maximum switching voltage	240 V AC
[Ie] rated operational current	5 A at 120 V AC (on resistive load) 5 A at 240 V AC (on resistive load) 5 A at 30 V DC (on resistive load)
Coil resistance	3900 Ohm
Connections - terminals	Plug in
Minimum switching current	500 mA at 12 V AC 500 mA at 12 V DC
Average coil consumption	1.20 VA
Electrical durability	100000 cycles resistive load conforming to IEC
Mechanical durability	10000000 cycles
Response time	20 ms
Dielectric strength	1600 V AC between coil and contact 1600 V AC between poles
Net weight	45 g

### Environment

Shock resistance	10 gn
Environmental characteristic	Hazardous location T5 40 °C tests
Vibration resistance	6 gn (f = 10...55 Hz)

Ambient temperature range - operational	-45...70 °C
Ambient air temperature for storage	-60...85 °C
Product certifications	UL CSA CE
Height	32.5 mm
Width	22.75 mm
Depth	28.75 mm

## Packing Units

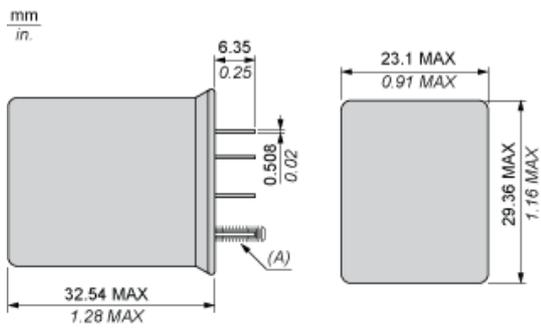
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.875 cm
Package 1 Width	2.275 cm
Package 1 Length	2.875 cm
Package 1 Weight	45.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.0 cm
Package 2 Width	11.0 cm
Package 2 Length	13.0 cm
Package 2 Weight	450.0 g
Unit Type of Package 3	CAR
Number of Units in Package 3	100
Package 3 Height	18.0 cm
Package 3 Width	25.8 cm
Package 3 Length	33.5 cm
Package 3 Weight	5.4 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Dimensions

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(A) : 0.312 (7.92) LONG #3-48 THREAD

**Wiring**

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**Recommended replacement(s)**