## Product data sheet

Specifications





# Harmony, Miniature plug-in relay, 6 A, 4 CO, with LED, 110 V DC

RXM4AB3FD

Discontinued on: Oct 9, 2023

Product availability: Non-Stock - Not normally stocked in distribution facility

# ① Discontinued

#### Main

Range of Product	Harmony Electromechanical Relays
Series name	Miniature
Product or Component Type	Plug-in relay
Device short name	RXM
Contacts type and composition	4 C/O
[Uc] control circuit voltage	110 V DC
Status LED	With
Control Type	Without lockable test button
Utilisation coefficient	20 %

#### Complementary

<u> </u>	
Shape of pin	Flat
[Ui] rated insulation voltage	250 V IEC
	300 V CSA
	300 V UL
[Uimp] rated impulse withstand voltage	2.5 kV 1.2/50 μs
Contacts material	AgNi
[le] rated operational current	3 A 28 V DC) NC IEC
	3 A 250 V AC) NC IEC
	6 A 28 V DC) NO IEC
	6 A 250 V AC) NO IEC
	6 A 277 V AC) UL
	8 A 30 V DC) UL
Continuous output current	5 A
Maximum switching voltage	250 V IEC
resistive rated load	6 A 250 V AC
	6 A 28 V DC
Maximum switching capacity	1500 VA/168 W
Minimum switching capacity	170 mW 10 mA, 17 V
Operating rate	<= 1200 cycles/hour under load
	<= 18000 cycles/hour no-load
Mechanical durability	10000000 cycles
Electrical durability	100000 cycles resistive
average coil consumption	0.9 W

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

Drop-out voltage threshold	>= 0.1 Uc	
operate time	20 ms	
release time	20 ms	
average coil resistance	13440 Ohm 20 °C +/- 10 %	
Rated operational voltage limits	88121 V DC	
Safety reliability data	B10d = 100000	
Protection category	RTI	
Test levels	Level A group mounting	
Operating position	Any position	
Net Weight	0.082 lb(US) (0.037 kg)	
device presentation	Complete product	

#### **Environment**

Dielectric strength	1300 V AC between contacts with micro disconnection 2000 V AC between coil and contact with basic insulation	
	2000 V AC between poles with basic insulation	
Product Certifications	UL	
	Lloyd's	
	CE	
	CSA	
	GOST	
	IECEE CB Scheme	
Standards	CSA C22.2 No 14	
	UL 508	
	IEC 61810-1	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Ambient air temperature for operation	-40131 °F (-4055 °C)	
Vibration resistance	3 gn +/- 1 mm 10150 Hz)5 cycles in operation	
	5 gn +/- 1 mm 10150 Hz)5 cycles not operating	
IP degree of protection	IP40 conforming to IEC 60529	
Shock resistance	10 gnin operation	
	30 gnnot operating	
Pollution degree	2	

## Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3389119217286
Returnability	No
Country of origin	CN

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	1.6 in (4.1 cm)
Package 1 Width	0.8 in (2.1 cm)
Package 1 Length	1.1 in (2.8 cm)

Package 1 Weight	1.3 oz (36.0 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	10
Package 2 Height	1.2 in (3.0 cm)
Package 2 Width	3.9 in (10.0 cm)
Package 2 Length	4.5 in (11.5 cm)
Package 2 Weight	12.9 oz (366.0 g)
Unit Type of Package 3	S01
Number of Units in Package 3	120
Package 3 Height	5.9 in (15.0 cm)
Package 3 Width	5.9 in (15.0 cm)
Package 3 Length	15.7 in (40.0 cm)
Package 3 Weight	10.179 lb(US) (4.617 kg)

## **Contractual warranty**

Warranty 18 months

## Sustainability Green Premium\*

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

#### Well-being performance



Reach Free Of Svhc



Rohs Exemption Information

Yes

#### **Certifications & Standards**

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
Circularity Profile	End of Life Information
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

Aug 9, 2024