

Product datasheet

Specifications



miniature plug in relay, Harmony Electromechanical Relays, 6A, 2CO, without LED, with lockable test button, flat (faston type), 250V DC

RXM2AB1UD

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

Range of product	Harmony Relay
Series name	Miniature
Product or component type	Plug-in relay
Device short name	RXM
[Uc] control circuit voltage	250 V DC
Contacts type and composition	2 C/O
status LED	Without
Control type	Lockable test button
Continuous output current	10 A

Complementary

[Uimp] rated impulse withstand voltage	4 kV during 1.2/50 µs
[Ie] rated operational current	3 A at 28 V (DC) NC conforming to IEC 3 A at 250 V (AC) NC conforming to IEC 6 A at 28 V (DC) NO conforming to IEC 6 A at 250 V (AC) NO conforming to IEC
Minimum switching capacity	170 mW at 10 mA, 17 V
Electrical durability	200000 cycles for resistive load
Rated operational voltage limits	200...275 V DC
[Ui] rated insulation voltage	250 V conforming to IEC
Maximum switching voltage	250 V conforming to IEC
Drop-out voltage threshold	$\geq 0.1 U_c$
Load current	6 A at 250 V AC 6 A at 28 V DC
Operating time	20 ms
Maximum switching capacity	1500 VA/168 W
Average resistance	62500 Ohm at 20 °C +/- 10 %
Average coil consumption	1 W
Mechanical durability	10000000 cycles
Safety reliability data	B10d = 100000
Operating rate	≤ 1200 cycles/hour under load ≤ 18000 cycles/hour no-load

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Utilisation coefficient	20 %
Reset time	20 ms
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
Compatibility code	RXM
Protection category	RT I
Pollution degree	3
Operating position	Any position
Device presentation	Complete product
Contacts material	AgNi
Shape of pin	Flat
Product weight	0.037 kg

Environment

Ambient air temperature for operation	-40...40 °C
IP degree of protection	IP40 conforming to IEC 60529
Standards	IEC 61810-1
Product certifications	UL Lloyd's CE CSA GOST IECEE CB Scheme
Ambient air temperature for storage	-40...85 °C
Vibration resistance	3 gn, amplitude = +/- 1 mm (f = 10...150 Hz)5 cycles in operation 5 gn, amplitude = +/- 1 mm (f = 10...150 Hz)5 cycles not operating
Shock resistance	10 gn for in operation 30 gn for not operating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)	18
----------------------	----



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

EU RoHS Directive

[Compliant](#)

Use Longer



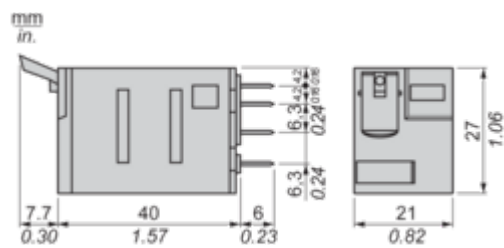
Lifetime extension

Repair

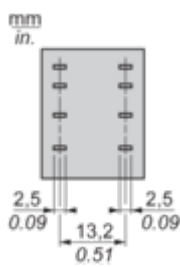
No

Dimensions Drawings

Dimensions

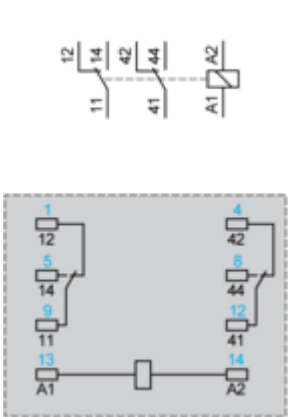


Pin Side View



Connections and Schema

Wiring Diagram



Symbols shown in blue correspond to Nema marking.

Technical Illustration

Dimensions

