

Product datasheet

Specifications



miniature plug-in relay - 4CO 5A, LED, 110VDC

RXM4NB3FD

⚠ 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	110 V DC
Contacts type and composition	4 C/O
status LED	With
Control type	Without lockable test button
[Ithe] conventional enclosed thermal current	3 A at -40...55 °C

Complementary

[Uimp] rated impulse withstand voltage	2.5 kV during 1.2/50 µs
[Ie] rated operational current	2 A at 28 V (DC) NO conforming to IEC 2 A at 250 V (AC) NO conforming to IEC 1 A at 28 V (DC) NC conforming to IEC 1 A at 250 V (AC) NC conforming to IEC 3 A at 28 V (DC) conforming to UL 3 A at 277 V (AC) conforming to UL
Minimum switching capacity	15 mW at 3 mA, 5 V
Electrical durability	100000 cycles for resistive load depending on mounting position and working environment
Rated operational voltage limits	88...121 V DC
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA 300 V conforming to UL
Maximum switching voltage	250 V conforming to IEC
Drop-out voltage threshold	$\geq 0.1 U_c$
Load current	3 A at 250 V AC 3 A at 28 V DC
Operating time	20 ms
Maximum switching capacity	750 VA/84 W
Average resistance	13440 Ohm at 20 °C +/- 10 %
Average coil consumption	0.9 W
Mechanical durability	10000000 cycles

Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Utilisation coefficient	20 %
reset time	20 ms
Dielectric strength	1300 V AC between contacts with micro disconnection 2000 V AC between coil and contact 2000 V AC between poles
Compatibility code	RXM
Protection category	RT I
Pollution degree	2
Operating position	Any position
Test levels	Level A group mounting
Device presentation	Complete product
Contacts material	Gold plated bifurcated silver
Shape of pin	Flat
Net weight	0.037 kg

Environment

Ambient air temperature for operation	-40...55 °C
IP degree of protection	IP40 conforming to EN/IEC 60529
Standards	EN/IEC 61810-1 CSA C22.2 No 14 UL 508
Product certifications	GOST CE Lloyd's UL CSA
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



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 Longer



Lifetime extension

Repair

No