

# Product datasheet

Specifications



## miniature plug-in relay - 2CO 10A, LED, 24VAC

RXM2NB3B7

⚠ Discontinued on: 20 Jan 2022

⚠ To be end-of-service on: 31 Mar 2028

⚠ 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	24 V AC 50/60 Hz
Contacts type and composition	2 C/O
status LED	With
Control type	Without lockable test button

### Complementary

[Uimp] rated impulse withstand voltage	4 kV during 1.2/50 $\mu$ s
[Ie] rated operational current	12 A at 28 V (DC) NO conforming to IEC 12 A at 250 V (AC) NO conforming to IEC 6 A at 28 V (DC) NC conforming to IEC 6 A at 250 V (AC) NC conforming to IEC 12 A at 28 V (DC) conforming to UL 12 A at 277 V (AC) conforming to UL
Minimum switching capacity	170 mW at 10 mA, 17 V
Electrical durability	100000 cycles for resistive load
Rated operational voltage limits	19.2...26.4 V AC
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA 300 V conforming to UL
Average consumption	1.2 VA at 60 Hz
Maximum switching voltage	250 V conforming to IEC
Drop-out voltage threshold	$\geq 0.15 U_c$
Load current	12 A at 250 V AC 12 A at 28 V DC
Operating time	20 ms
Maximum switching capacity	3000 VA/336 W
Average resistance	180 Ohm at 20 °C +/- 15 %
Mechanical durability	10000000 cycles
Safety reliability data	B10d = 100000
Operating rate	$\leq 1200$ cycles/hour under load $\leq 18000$ cycles/hour no-load

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

<b>Utilisation coefficient</b>	20 %
<b>CAD overall height</b>	79 mm
<b>CAD overall depth</b>	78.45 mm
<b>reset time</b>	20 ms
<b>Dielectric strength</b>	1300 V AC between contacts with micro disconnection 2000 V AC between coil and contact 2000 V AC between poles
<b>Compatibility code</b>	RXM
<b>Protection category</b>	RT I
<b>Pollution degree</b>	3
<b>Operating position</b>	Any position
<b>Test levels</b>	Level A group mounting
<b>Device presentation</b>	Complete product
<b>Contacts material</b>	AgNi
<b>Shape of pin</b>	Flat
<b>Net weight</b>	0.037 kg

## Environment

<b>Ambient air temperature for operation</b>	-40...55 °C
<b>IP degree of protection</b>	IP40 conforming to EN/IEC 60529
<b>Standards</b>	UL 508 EN/IEC 61810-1 CSA C22.2 No 14
<b>Product certifications</b>	Lloyd's GOST CE CSA UL
<b>Ambient air temperature for storage</b>	-40...85 °C
<b>Vibration resistance</b>	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
<b>Shock resistance</b>	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 Better



#### Materials and Substances

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

### Use Longer



#### Lifetime extension

Repair

No