Product data sheet
Characteristics

RXM4CB2B7
miniature plug in relay, Harmony Electromechanical Relays, 5A, 4CO, with LED, with lockable test button, 24V AC

Commercial status
End of Commercialisation : AUG 15, 2024

⚠ End of Commercialisation

Main

Range of product	Harmony Electromechanical Relays
Series name	Miniature
Product or component type	Plug-in relay
Device short name	RXM
Utilisation coefficient	20 %
Sale per indivisible quantity	10
[In] rated current	5 A

Complementary

Contacts type and composition	4 C/O
Contact operation	Standard
[Uc] control circuit voltage	24 V AC 50/60 Hz
[Ithe] conventional enclosed thermal current	5 A at -40…55 °C
Status LED	With
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to UL
[Uimp] rated impulse withstand voltage	2.5 KV during 1.2/50 µs conforming to IEC 61810-7
Contacts material	Silver alloy (Ag/Ni)
[Ie] rated operational current	5 A (AC-1/DC-1) conforming to UL 5 A (AC-1/DC-1) NO conforming to IEC 2.5 A (AC-1/DC-1) NC conforming to IEC
Minimum switching current	10 MA
Maximum switching voltage	250 V AC 125 V DC
Minimum switching voltage	17 V
Load current	5 A at 250 V AC 5 A at 30 V DC
Maximum switching capacity	1250 VA AC 150 W DC
Minimum switching capacity	170 mW
Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	10000000 Cycles
Average coil consumption in VA	1.2 AC
Drop-out voltage threshold	>= 0.15 Uc AC
Operating time	20 ms
Average resistance	160 Ohm at 20 °C +/- 15 %
Rated operational voltage limits	19.2...26.4 V AC
Protection category	RT I
Test levels	Level A group mounting
Operating position	Any position
Net weight	0.038 Kg
Safety reliability data	B10d = 100000
Electrical durability	100000 Cycles for resistive load
Dielectric strength	1800 V AC between coil and contact 1550 V AC between poles 1000 V AC between contacts
Pollution degree	2

Environment

Product certifications	GOST[RETURN]UL[RETURN]EAC
Standards	IEC 61810-1 UL 508
Ambient air temperature for storage	-40…70 °C
Ambient air temperature for operation	-40…55 °C
Vibration resistance	3 gn, amplitude = +/- 1 mm (f = 10…150 Hz)without clip conforming to IEC 60068-2-6 5 gn, amplitude = +/- 1 mm (f = 10…150 Hz)with clip conforming to IEC 60068-2-6
IP degree of protection	IP40 conforming to IEC 60529
Shock resistance	10 gn (duration = 11 ms) for opening conforming to IEC 60068-2-27 10 gn (duration = 11 ms) for closing conforming to IEC 60068-2-27

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.2 Cm
Package 1 Width	1.03 Cm
Package 1 Length	1.26 Cm
Package 1 Weight	4.0 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.0 Cm
Package 2 Width	10.3 Cm
Package 2 Length	12.7 Cm
Package 2 Weight	400.0 G
Unit Type of Package 3	CAR
Number of Units in Package 3	270
Package 3 Height	15.0 Cm
Package 3 Width	29.9 Cm
Package 3 Length	39.8 Cm
Package 3 Weight	10.6 Kg

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is know

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation

RXM4CB2B7 may be replaced by any of the following products:



RXM4AB2B7

miniature plug in relay, Harmony Electromechanical Relays, 6A, 4CO, with LED, with lockable test button, flat (faston typ

Qty 1

Substitution date: |