Product data sheet
Characteristics

RXM4GB1B7
Miniature plug in relay, Harmony, 3A, 4CO, lockable test button, 24V AC



Commercial status
End of Commercialisation : JUL 28, 2023

⚠ End of Commercialisation

Main

Range of product	Harmony Electromechanical Relays
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	4 C/O
Status LED	Without
Control type	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
Average coil consumption in VA	1.2 at 60 Hz
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	>= 0.15 Uc
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	180 Ohm at 20 °C +/- 15 %
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 IEC 60529
Standards	IEC 61810-1 UL 508 CSA C22.2 No 14
Product certifications	UL[RETURN]Lloyd's[RETURN]CE[RETURN]CSA[RETURN]GOST[RETURN]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
Package 1 Height	2.000 Cm
Package 1 Width	2.800 Cm
Package 1 Length	4.800 Cm
Package 1 Weight	35.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.200 Cm
Package 2 Width	10.500 Cm
Package 2 Length	12.500 Cm
Package 2 Weight	381.000 G
Unit Type of Package 3	S01
Number of Units in Package 3	120
Package 3 Height	15.000 Cm
Package 3 Width	15.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	4.810 Kg

Offer Sustainability

REACh free of SVHC	Yes
Sustainable packaging	Yes
Environmental Disclosure	Product Environmental Profile
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is know
End of life manual availability	End Of Life Information

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation

RXM4GB1B7 may be replaced by any of the following products:



RXM4GB2B7

miniature plug in relay, Harmony Electromechanical Relays, 3A, 4CO, with LED, lockable test button, flat (faston type

Qty 1

Substitution date: |