# Product data sheet Characteristics

# RXM4AB2F7

Harmony, Miniature plug-in relay, 6 A, 4 CO, with LED, with lockable test button, 120 V AC





#### Main

Range of product	Harmony Electromechanical Relays	
Series name	Miniature	
Product or component type	Plug-in relay	
Device short name	RXM	
Contacts type and composition	4 C/O	
[Uc] control circuit voltage	120 V AC 50/60 Hz	
Status LED	With	
Control type	Lockable test button	
Utilisation coefficient	20 %	

#### Complementary

Complementary	
Shape of pin	Flat
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA
	300 V conforming to CSA 300 V conforming to UL
[Uimp] rated impulse withstand voltage	2.5 KV during 1.2/50 μs
Contacts material	AgNi
[le] 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 6 A at 277 V (AC) conforming to UL 8 A at 30 V (DC) conforming to UL
Continuous output current	5 A
Maximum switching voltage	250 V conforming to IEC
Load current	6 A at 250 V AC 6 A at 28 V DC
Maximum switching capacity	1500 VA/168 W
Minimum switching capacity	170 mW at 10 mA, 17 V
Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	10000000 Cycles
Electrical durability	100000 Cycles for resistive load
Average coil consumption in VA	1.2 at 60 Hz
Average consumption	1.2 VA at 60 Hz
Drop-out voltage threshold	>= 0.15 Uc
Operating time	20 ms
Reset time	20 Ms

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Average resistance	4430 Ohm at 20 °C +/- 15 %	
Rated operational voltage limits	96132 V AC	
Safety reliability data	B10d = 100000	
Protection category	RT I	
Test levels	Level A group mounting	
Operating position	Any position	
CAD overall height	82.8 Mm	
CAD overall depth	80.35 Mm	
Net weight	0.037 Kg	
Device presentation	Complete product	

## Environment

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	
Product certifications	CE CSA Lloyd's UL GOST	
Standards	CSA C22.2 No 14 UL 508 EN/IEC 61810-1	
Ambient air temperature for storage	-4085 °C	
Ambient air temperature for operation	-4055 °C	
Vibration resistance	3 gn, amplitude = +/- 1 mm (f = 10150 Hz)5 cycles in operation 5 gn, amplitude = +/- 1 mm (f = 10150 Hz)5 cycles not operating	
IP degree of protection	IP40 conforming to EN/IEC 60529	
Shock resistance	10 gn for in operation 30 gn for not operating	
Pollution degree	2	

## Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	40.0 G
Package 1 Height	2.111 Cm
Package 1 width	2.721 Cm
Package 1 Length	4.617 Cm
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Weight	0.39 Kg
Package 2 Height	3 Cm
Package 2 width	11.3 Cm
Package 2 Length	13.9 Cm
Unit Type of Package 3	S02
Number of Units in Package 3	240
Package 3 Weight	9.91 Kg
Package 3 Height	15 Cm
Package 3 width	30 Cm
Package 3 Length	40 Cm



### Offer Sustainability

Sustainable offer status	Green Premium product	
REACh Regulation	☑ REACh Declaration	
REACh free of SVHC	Yes	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EEU RoHS Declaration	
Toxic heavy metal free	Yes	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	☑ China RoHS Declaration	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	☑ End Of Life Information	
WEEE	The product must be disposed on European Union markets following speci- fic waste collection and never end up in rubbish bins	
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	

## Contractual warranty

Warranty	18 mor	ths
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Product Life Status : Commercialised