

RXM2AB2F7

miniature plug in relay, Harmony
Electromechanical Relays, 12A, 2CO, with
LED, lockable test but to n, 120V 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	2 C/O
[Uc] control circuit voltage	120 V AC 50/60 Hz
Status LED	With
Control Type	Lockable test button
Utilisation coefficient	20 %

Complementary

Shape of pin	Flat
[Ui] rated insulation voltage	250 V IEC 300 V CSA 300 V UL
[Uimp] rated impulse withstand voltage	4 kV 1.2/50 µs
Contacts material	AgNi
[Ie] rated operational current	12 A 28 V DC) NO IEC 12 A 250 V AC) NO IEC 6 A 28 V DC) NC IEC 6 A 250 V AC) NC IEC 12 A 28 V DC) UL 12 A 277 V AC) UL
Continuous output current	10 A
Maximum switching voltage	250 V IEC
Resistive rated load	12 A 250 V AC 12 A 28 V DC
Maximum switching capacity	3000 VA/336 W
Minimum switching capacity	170 mW 10 mA, 17 V
Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	10000000 cycles
Electrical durability	100000 cycles resistive
Average coil consumption in VA	1.2 60 Hz
Average consumption	1.2 VA 60 Hz
Drop-out voltage threshold	>= 0.15 Uc
Operate time	20 ms
Release time	20 ms
Average coil resistance	4430 Ohm 20 °C +/- 15 %
Rated operational voltage limits	96...132 V AC
Safety reliability data	B10d = 100000
Protection category	RT I
Test levels	Level A group mounting
Operating position	Any position
CAD overall height	3.1 in (79 mm)
CAD overall depth	3.09 in (78.45 mm)

Net Weight	0.082 lb(US) (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	UL[RETURN]Lloyd's[RETURN]CE[RETURN]CSA[RETURN]GOST[RETURN]IECEE CB Scheme
Standards	CSA C22.2 No 14 IEC 61810-1 UL 508
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Ambient air temperature for operation	-40...131 °F (-40...55 °C)
Vibration resistance	3 gn +/- 1 mm 10...150 Hz)5 cycles in operation 5 gn +/- 1 mm 10...150 Hz)5 cycles not operating
IP degree of protection	IP40 conforming to IEC 60529
Shock resistance	10 gnin operation 30 gnnot operating
Pollution degree	3

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3389119403504
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.83 in (2.100 cm)
Package 1 Width	1.06 in (2.700 cm)
Package 1 Length	1.81 in (4.600 cm)
Package 1 Weight	1.305 oz (37.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.18 in (3.000 cm)
Package 2 Width	4.02 in (10.200 cm)
Package 2 Length	4.92 in (12.500 cm)
Package 2 Weight	13.686 oz (388.000 g)
Unit Type of Package 3	S02
Number of Units in Package 3	240
Package 3 Height	5.91 in (15.000 cm)
Package 3 Width	11.81 in (30.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	21.625 lb(US) (9.809 kg)

Offer Sustainability

Packaging without single use plastic	Yes
Packaging made with recycled cardboard	Yes
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
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU 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 specific waste collection and never end up in rubbish bins.
Take-back	No
Carbon footprint (kg CO2 eq, Total Life cycle)	23

Contractual warranty

Warranty	18 months
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