

Product data sheet

Specifications



Miniature Plug-in relay - Harmony RXM 2 C/O 230 V AC 12 A with LED

RXM2AB2P7TQ

⚠ Discontinued on: Aug 15, 2013

⚠ End-of-service on: Jan 22, 2021

⚠ 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	230 V AC 50/60 Hz
Contacts type and composition	2 C/O
status LED	With
Control type	Lockable test button
Continuous output current	10 A

Complementary

[Uimp] rated impulse withstand voltage	4 kV 1.2/50 μ s
[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
Minimum switching capacity	170 mW 10 mA, 17 V
Electrical durability	100000 cycles resistive
Average coil consumption in VA	1.2 60 Hz
Rated operational voltage limits	184...253 V AC
[Ui] rated insulation voltage	250 V IEC 300 V CSA 300 V UL
Average consumption	1.2 VA 60 Hz
Maximum switching voltage	250 V IEC
Drop-out voltage threshold	$\geq 0.15 U_c$
Load current	12 A 250 V AC 12 A 28 V DC
Operating time	20 ms
Maximum switching capacity	3000 VA/336 W
Average resistance	15000 Ohm 20 °C +/- 15 %
Mechanical durability	1000000 cycles

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Safety reliability data	B10d = 100000
Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Utilisation coefficient	20 %
CAD overall height	3.1 in (79 mm)
CAD overall depth	3.09 in (78.45 mm)
Reset time	20 ms
Dielectric strength	1300 V AC between contacts micro disconnection 2000 V AC between coil and contact basic insulation 2000 V AC between poles basic insulation
Compatibility code	RXM
Protection category	RT I
Pollution degree	3
Operating position	Any position
Device presentation	Complete product
Contacts material	AgNi
Shape of pin	Flat
Net weight	0.212 lb(US) (0.096 kg)

Environment

Ambient air temperature for operation	-40...131 °F (-40...55 °C)
IP degree of protection	IP40 conforming to EN/IEC 60529
Standards	UL 508 CSA C22.2 No 14 EN/IEC 61810-1
Product certifications	CSA Lloyd's GOST CE UL
Ambient air temperature for storage	-40...185 °F (-40...85 °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
Shock resistance	10 gnin operation 30 gnnot operating

Contractual warranty

Warranty (in months)	18
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Environmental Data

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[How we assess product sustainability >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

Circularity Profile

[End of Life Information](#)