

# Product data sheet

Specifications



## miniature plug-in relay - Harmony RXL - 4 C/O - 48 V AC

RXL4A06B1E7

⚠ Discontinued on: Jan 22, 2021

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### Main

Range Of Product	Harmony Relay
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	48 V AC 50/60 Hz
[Ithe] Conventional Enclosed Thermal Current	6 A at -40...55 °C
Status Led	Without
Control Type	Lockable test button
Utilisation Coefficient	20 %

### Complementary

Shape Of Pin	Flat
[Ui] Rated Insulation Voltage	250 V conforming to IEC
[Uimp] Rated Impulse Withstand Voltage	2.5 kV during 1.2/50 µs
Contacts Material	AgNi
[Ie] 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
Maximum Switching Voltage	250 V conforming to IEC
Resistive Rated Load	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

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

Drop-Out Voltage Threshold	>= 0.15 Uc
Operate Time	20 ms
Release Time	20 ms
Average Coil Resistance	710 Ohm at 20 °C +/- 15 %
Rated Operational Voltage Limits	38.4...52.8 V AC
Safety Reliability Data	B10d = 100000
Protection Category	RT I
Operating Position	Any position
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 2000 V AC between poles
Product Certifications	Lloyd's CSA UL GOST CE
Standards	CSA C22.2 No 14 EN/IEC 61810-1 UL 508
Ambient Air Temperature For Storage	-40...85 °C
Ambient Air Temperature For Operation	-40...55 °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
Ip Degree Of Protection	IP20 conforming to EN/IEC 60529
Shock Resistance	10 gn for in operation 30 gn for not operating
Pollution Degree	2