

interface plug in relay, Harmony Electromechanical Relays, 5A, 2CO, with LED, lockable test but to n, 230V AC

RXG22P7

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony Electromechanical Relays	
Series name	RXG series	
Product or Component Type	Plug-in relay	
Relay Type	Interface relay	
Contacts type and composition	2 C/O	
[Uc] control circuit voltage	230 V AC	
[Ithe] conventional enclosed thermal current	5 A -40131 °F (-4055 °C)	
Local signalling	Flag	

Complementary

Status LED	With	
[Ui] rated insulation voltage	250 V IEC 300 V CSA 300 V UL	
Removable legend	With	
Maximum switching voltage	250 V AC 30 V DC	
Drop-out voltage threshold	>= 0.3 Uc AC	
Load current	5 A 250 V AC	
Minimum switching capacity	50 mW at 10 mA, 5 V DC	
Maximum switching capacity	1250 VA	
Control Type	Lockable test button	
Contact resistance	100 mOhm	
Insulation resistance	1000 MOhm at 500 V DC	
Electrical Insulation Class	Class F	
Mechanical durability	10000000 cycles	
Safety reliability data	B10d = 100000	
Operating rate	<= 1800 cycles/hour under load <= 18000 cycles/hour no-load	
Utilisation coefficient	20 %	
Operating time	20 ms	
Reset time	20 ms	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Dielectric strength	1000 V AC between contacts with micro disconnection 5000 V AC between coil and contact with reinforced insulation 3000 V AC between poles with basic insulation	
Overvoltage category	III	
Protection category	RTI	
pollution degree	2	
Test levels	Level A group mounting	
Device presentation	Complete product	
Contacts material	Silver alloy (AgSnO2In2O3)	
Shape of pin	Flat (faston type)	
Net Weight	0.04 lb(US) (0.02 kg)	

Environment

Standards	CSA C22.2 No 14 UL 508 IEC 61810-1	
Product Certifications	UL EAC CE CSA DNV-GL	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Ambient Air Temperature for Operation	-40158 °F (-4070 °C)	
IP Degree of Protection	IP40	
Relative humidity	1085 %	
Vibration resistance	3 gn +/- 0.75 mm 10150 Hz)in operation 5 gn +/- 0.75 mm 10150 Hz)not in operation	

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2
GTIN	3606480689147
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	0.47 in (1.200 cm)
Package 1 Width	1.18 in (3.000 cm)
Package 1 Length	1.42 in (3.600 cm)
Package 1 Weight	0.705 oz (20.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	1.42 in (3.600 cm)
Package 2 Width	3.27 in (8.300 cm)

Package 2 Length	3.58 in (9.100 cm)
Package 2 Weight	7.901 oz (224.000 g)
Unit Type of Package 3	S01
Number of Units in Package 3	200
Package 3 Height	5.91 in (15.000 cm)
Package 3 Width	5.91 in (15.000 cm)
Package 3 Length	15.75 in (40.000 cm)
Package 3 Weight	10.300 lb(US) (4.672 kg)



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

☑ Environmental footprint		
Carbon footprint (kg CO2 eq, Total Life cycle)	15	

Use Better

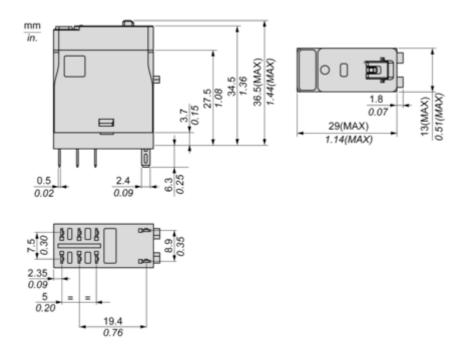
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration
California proposition 65	WARNING: This product can expose you to chemicals including: 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

Use Again

○ Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

Dimensions Drawings

Dimensions

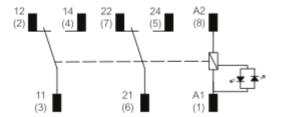


Product data sheet

RXG22P7

Connections and Schema

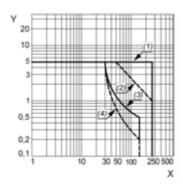
Wiring Diagram



Performance Curves

Performance Curves

Maximum Switching Capacity



X : Switching voltage (V)

Y: Switching current (A)

(1) AC Resistive Load

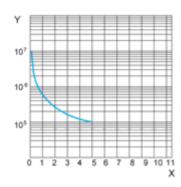
(2) AC Inductive Load cos(Ø)=0.4

(3) DC Resistive Load

(4) DC Inductive Load (L/R=7ms)

Life Expectancy

Resistive Load

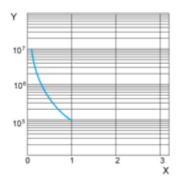


X: Contact Current (A)

Y: Operating Cycle Number

Life Expectancy

Inductive Load



X: Contact Current (A)

Y: Operating Cycle Number

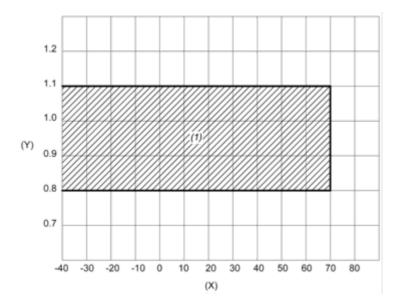
Product data sheet

RXG22P7

NOTE: These are typical curves, actual durability depends on load, environment, duty cycle, etc.

Coil Operating Range

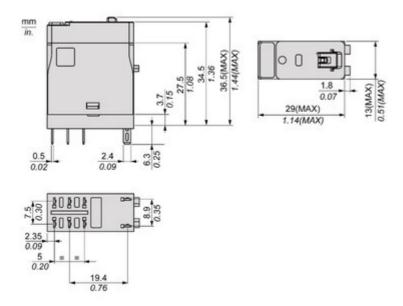
AC Coil Operating Range VS Ambient Temperature



- X : Ambient temperature (°C)
- Y: Coil voltage (U/Uc)
- (1) Permitted operating range area

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



Offer Marketing Illustration

Product benefits / Features

Technical Benefits

Harmony RXG Relay



Compliant to IEC, CE, UKCA. EAC, WEE, UL, CSA, DNV, ROHS suitable for marine applications

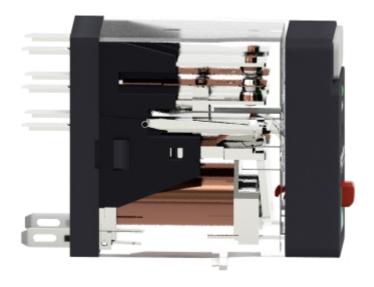


Add-on protection modules and bus jumper for flexibility and convenience

Image of product / Alternate images

Alternative





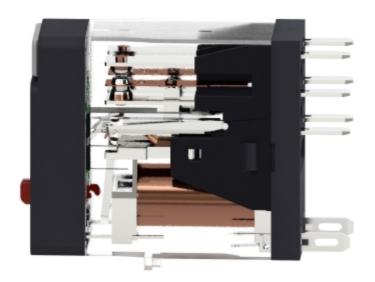








Image of product in real life situation

