Product datasheet





interface plug in relay, Harmony Electromechanical Relays, 10A, 1CO, lockable test but to n, 230V AC

RXG11P7



! Discontinued on: 10 Jul 2021

Main

Range of product	Harmony Electromechanical Relays	
Series name	Interface relay	
Product or component type	Plug-in relay	
Device short name	RXG	
Contacts type and composition	1 C/O	
[Ithe] conventional enclosed thermal current	10 A at -4055 °C	
local signalling	Flag	

Complementary

Complementary		
Status LED	Without	
[le] rated operational current	10 A at 30 V (DC) conforming to UL 10 A at 30 V (DC) conforming to IEC 10 A at 250 V (AC) conforming to IEC 10 A at 250 V (AC) conforming to UL	
Electrical durability	100000 cycles for NO resistive load at 55 °C 100000 cycles for NC resistive load at 55 °C	
Coil resistance	23500 Ohm +/- 15 %	
Shock resistance	20 gn in operation 100 gn not in operation	
mounting position	Any position	
Average consumption in VA	0.82 VA 60 Hz	
Control circuit voltage limits	0.81.1 Uc AC	
[Uc] control circuit voltage	230 V AC 50/60 Hz	
Colour of cover	Standard	
Drop-out voltage threshold	>= 0.3 Uc AC	
Load current	10 A at 250 V AC	
Minimum switching capacity	500 mW at 100 mA, 5 V DC	
Maximum switching capacity	2500 VA	
Control type	Lockable test button	
Torque value	0.8 N.m	
Contact resistance	istance 100 mOhm	
Insulation resistance	nce 1000 MOhm at 500 V DC	

Electrical insulation class	Class F	
Mechanical durability	10000000 cycles	
Safety reliability data	B10d = 100000	
Operating time	20 ms	
Reset time	20 ms	
Overvoltage category	category	
Maximum switching voltage	250 V AC 30 V DC	
Protection category	RT I	
Operating rate	<= 1800 cycles/hour under load <= 18000 cycles/hour no-load	
Pollution degree	2	
Utilisation coefficient	20 %	
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA 300 V conforming to UL	
Dielectric strength	1000 V AC between contacts with micro disconnection 5000 V AC between coil and contact with reinforced insulation	
Test levels	Level A group mounting	
device presentation	Complete product	
Contacts material	aterial Silver alloy (AgSnO2In2O3)	
Net weight	ght 0.02 kg	

Environment

Standards	CSA C22.2 No 14 IEC 61810-1 UL 508
Product certifications	UL CE EAC CSA DNV-GL
Ambient air temperature for storage	-4085 °C
Ambient air temperature for operation	-4070 °C
IP degree of protection	IP40
Relative humidity	1085 %
Vibration resistance	3 gn, amplitude = +/- 0.75 mm (f = 10150 Hz)in operation 5 gn, amplitude = +/- 0.75 mm (f = 10150 Hz)not in operation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.89 cm
Package 1 Width	1.27 cm
Package 1 Length	3.452 cm
Package 1 Weight	20.1 g

Contractual warranty

Warranty

14 Aug 2024

18 months



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Transparency RoHS/REACh

Well-being performance

②	Reach Free Of Svhc	
②	Toxic Heavy Metal Free	
②	Mercury Free	
⊘	Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations