Product datasheet





Interface plug-in relay, 10 A, 1 CO, lockable test button, 6 V DC

RXG11RD

! Discontinued on: 2 Apr 2021

① Discontinued

Main

Range of product	Harmony Relay	
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

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	68 Ohm +/- 10 %	
Shock resistance	20 gn in operation 100 gn not in operation	
mounting position	Any position	
[Uc] control circuit voltage	6 V DC	
Colour of cover	Standard	
Drop-out voltage threshold	>= 0.1 Uc DC	
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	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 time	20 ms	
Reset time	20 ms	
Overvoltage category	III	
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	Silver alloy (AgSnO2In2O3)	
Net weight	0.02 kg	

Environment

Standards	UL 508 IEC 61810-1 CSA C22.2 No 14	
Product certifications	UL CSA EAC CE	
Ambient air temperature for storage	-40…85 °C	
Ambient air temperature for operation	-4070 °C	
IP degree of protection	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



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Transparency RoHS/REACh

Well-being performance

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

Certifications & Standards

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