Product data sheet
Characteristics

RXG12M7
Harmony, Interface plug-in relay, 10 A, 1 CO, lockable test button, LED, 220 V AC



⚠ End of Commercialisation

Commercial status
End of Commercialisation : OCT 20, 2020

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 -40…55 °C
Local signalling	Flag

Complementary

Status LED	With
Electrical durability	100000 Cycles for NO resistive load at 55 °C 100000 Cycles for NC resistive load at 55 °C
Mounting position	Any position
Colour of cover	Standard
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to CSA 300 V conforming to UL
Maximum switching voltage	250 V AC 30 V DC
Drop-out voltage threshold	>= 0.3 Uc AC
[Ie] 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 UL 10 A at 250 V (AC) conforming to IEC
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
Average resistance	21000 Ohm at 23 °C +/- 15 %
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
Dielectric strength	1000 V AC between contacts with micro disconnection 5000 V AC between coil and contact with reinforced insulation
[Uimp] rated impulse withstand voltage	1200 V AC between contacts with micro disconnection 6000 V between coil and contact with reinforced insulation 1500 V between terminals and case with basic insulation
Overvoltage category	III
Protection category	RT I
Pollution degree	2
Test levels	Level A group mounting
Device presentation	Complete product
Contacts material	Silver alloy (AgSnO2In2O3)
Net weight	0.02 Kg

Environment

Standards	IEC 61810-1 UL 508 CSA C22.2 No 14
Product certifications	EAC[RETURN]UL[RETURN]CSA[RETURN]CE[RETURN]DNV
Ambient air temperature for storage	-40…85 °C
Ambient air temperature for operation	-40…70 °C
IP degree of protection	IP40
Relative humidity	10…85 %
Vibration resistance	3 gn, amplitude = +/- 0.75 mm (f = 10…150 Hz)in operation 5 gn, amplitude = +/- 0.75 mm (f = 10…150 Hz)not in operation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Offer Sustainability

REACh free of SVHC	Yes
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
EU RoHS Directive	Compliant
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is know
End of life manual availability	No need of specific recycling operations

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commercialisation

RXG12M7 is replaced by the following product range:



532

Slim Interface, Miniature, Power, and Universal Relays

Substitution date: |