Product datasheet





interface plug in relay, Harmony Electromechanical Relays, 10A, 1CO, lockable test but to n, 120V AC

RXG11F7



! Discontinued on: 2 Apr 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

| Complemental y | | |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 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 | 6300 Ohm +/- 10 % | |
| 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 | 120 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 | 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 | RTI | |
| 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 | IEC 61810-1 UL 508 CSA C22.2 No 14 |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Product certifications | CSA EAC UL CE 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 | 3.45 cm |
| Package 1 Width | 9.25 cm |
| Package 1 Length | 8.6 cm |
| Package 1 Weight | 221 g |
| Unit Type of Package 2 | BB1 |

| Number of Units in Package 2 | 10 |
|------------------------------|---------|
| Package 2 Height | 3.5 cm |
| Package 2 Width | 8.2 cm |
| Package 2 Length | 9.1 cm |
| Package 2 Weight | 227 g |
| Unit Type of Package 3 | S01 |
| Number of Units in Package 3 | 200 |
| Package 3 Height | 15 cm |
| Package 3 Width | 15 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 4.77 kg |

Contractual warranty

Warranty 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 |