

RXG25BD

utični relej sučelja – Zelio RXG – 2 C/O proziran – 24 V DC – 5 A



Glavno

| | |
|-------------------------------|-----------------|
| Range of product | Zelio Relay |
| Series name | Interface relay |
| Product or component type | Plug-in relay |
| Device short name | RXG |
| Contacts type and composition | 2 C/O |

Komplementarno

| | |
|--|--|
| Contacts material | Silver alloy (AgSnO ₂ In ₂ O ₃) |
| Contact resistance | 100 mOhm |
| [Ithe] conventional enclosed thermal current | 5 A (temperature : -40...55 °C) |
| [Ie] rated operational current | 5 A at 30 V DC conforming to UL 5 A at 30 V DC conforming to IEC 5 A at 250 V AC conforming to IEC 5 A at 250 V AC conforming to UL |
| Maximum switching voltage | 250 V AC 30 V DC |
| Load current | 5 A at 250 V AC |
| Maximum switching capacity | 1250 VA |
| Minimum switching capacity | 50 mW at 10 mA, 5 V DC |
| Operating rate | <= 18000 cycles/hour no-load <= 1800 cycles/hour under load |
| Utilisation coefficient | 20 % |
| Mechanical durability | 10000000 cycles |
| Electrical durability | 100000 cyclesfor NO resistive load at 55 °C 100000 cyclesfor NC resistive load at 55 °C |
| [Ui] rated insulation voltage | 250 V conforming to IEC 300 V conforming to UL 300 V conforming to CSA |
| [Uimp] rated impulse withstand voltage | 6 kVfor 1.2/50 µs |
| Dielectric strength | 5000 V AC (reinforced insulation between coil and contact) 3000 V AC (basic insulation between poles) 1000 V AC (micro disconnection between contacts) |
| Resistance | 1100 Ohm +/- 10 % |
| Insulation resistance | 1000 MOhm at 500 V DC |
| Mounting position | Any position |
| Drop-out voltage threshold | >= 0.1 U _c DC |
| Electrical insulation class | Class F |
| Operating time | 20 ms |
| Reset time | 20 ms |
| [U _c] control circuit voltage | 24 V DC |
| Safety reliability data | B10d = 100000 |
| Colour of cover | Transparent |
| Product weight | 0.018 kg |
| Device presentation | Complete product |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i potpunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric, Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

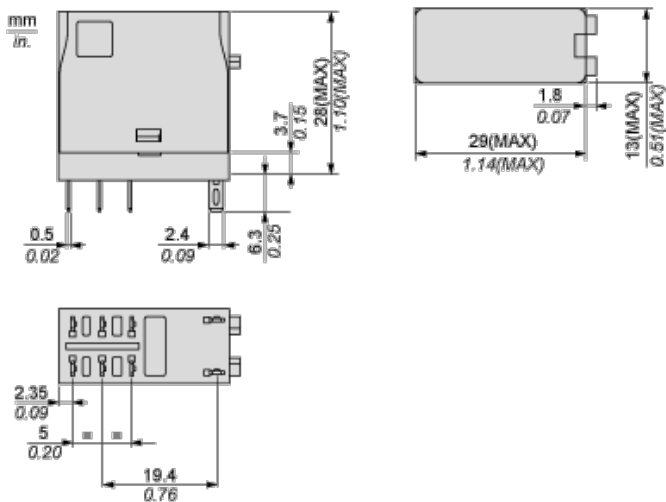
Okolina

| | |
|---------------------------------------|--|
| vibration resistance | 3 gn (f = 10...150 Hz), amplitude +/- 0.75 mm (in operation) 5 gn (f = 10...150 Hz), amplitude +/- 0.75 mm (not in operation) |
| IP degree of protection | IP40 |
| shock resistance | 20 gn in operation 100 gn not in operation |
| protection category | RT I |
| standards | UL 508 CSA C22.2 No 14 IEC 61810-1 |
| product certifications | CE CSA RoHS UL REACH EAC China RoHS |
| pollution degree | 2 |
| overvoltage category | III |
| ambient air temperature for storage | -40...85 °C |
| ambient air temperature for operation | -40...70 °C |
| relative humidity | 10...85 % |
| torque value | 0.8 N.m |

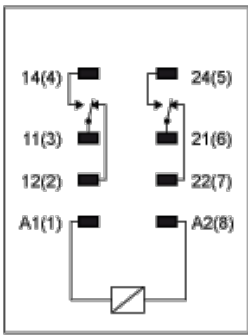
Offer Sustainability

| | |
|---|---|
| Green Premium product | Green Premium product |
| Compliant - since 1426 - Schneider Electric declaration of conformity | Compliant - since 1426 - Schneider Electric declaration of conformity |
| Reference not containing SVHC above the threshold | Reference not containing SVHC above the threshold |
| Available | Available |
| Need no specific recycling operations | Need no specific recycling operations |

Dimensions

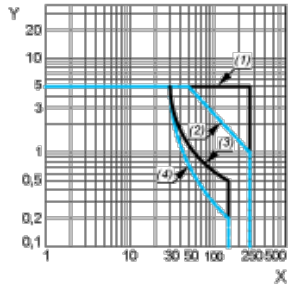


Wiring Diagram



Performance Curves

Maximum Switching Capacity



X : Switching voltage (V)

Y : Switching current (A)

(1) AC Resistive Load

(2) AC Inductive Load $\cos(\phi)=0.4$

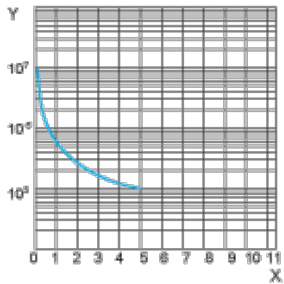
(3) DC Resistive Load

(4) DC Inductive Load $T_{0.95}=6P$

Performance Curves

Life Expectancy

Resistive Load



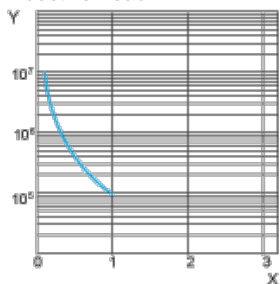
X : Contact Current (A)

Y : Operating Cycle Number

Performance Curves

Life Expectancy

Inductive Load



X : Contact Current (A)
Y : Operating Cycle Number