

RXG13ND

interface plug-in relay - Zelio RXG - 1 C/O standard -
60 V DC - 10 A - with LED



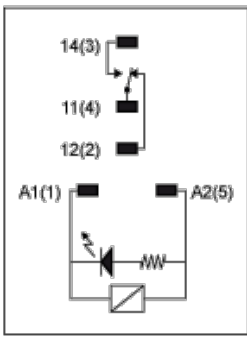
Main

Range of product	Zelio Relay
Series name	Interface relay
Product or component type	Plug-in relay
Device short name	RXG
Contacts type and composition	1 C/O

Complementary

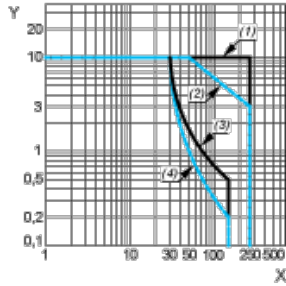
Status LED	With
Contacts material	Silver alloy (AgSnO2In2O3)
Contact resistance	100 mOhm
[Ithe] conventional enclosed thermal current	10 A (temperature : -40...55 °C)
[Ie] rated operational current	10 A at 30 V DC conforming to UL 10 A at 30 V DC conforming to IEC 10 A at 250 V AC conforming to IEC 10 A at 250 V AC conforming to UL
Maximum switching voltage	250 V AC 30 V DC
Load current	10 A at 250 V AC
Maximum switching capacity	2500 VA
Minimum switching capacity	500 mW at 100 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 cycles for NO resistive load at 55 °C 100000 cycles for 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 kV for 1.2/50 µs
Dielectric strength	5000 V AC (reinforced insulation between coil and contact) 1000 V AC (micro disconnection between contacts)
Resistance	6700 Ohm +/- 10 %
Insulation resistance	1000 MOhm at 500 V DC
Mounting position	Any position
Drop-out voltage threshold	>= 0.1 Uc DC
Electrical insulation class	Class F
Operating time	20 ms
Reset time	20 ms
[Uc] control circuit voltage	60 V DC
Safety reliability data	B10d = 100000
Colour of cover	Standard
Local signalling	Flag
Product weight	0.02 kg
Device presentation	Complete product

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Performance Curves

Maximum Switching Capacity



X : Switching voltage (V)

Y : Switching current (A)

(1) AC Resistive Load

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

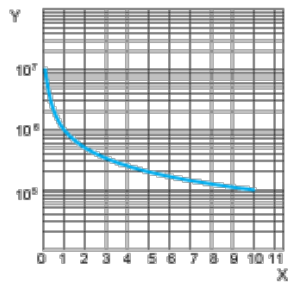
(3) DC Resistive Load

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

Performance Curves

Life Expectancy

Resistive Load



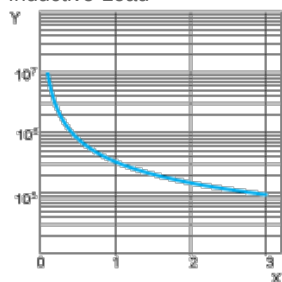
X : Contact Current (A)

Y : Operating Cycle Number

Performance Curves

Life Expectancy

Inductive Load



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