



### 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

Contacts material	Silver alloy (AgSnO2In2O3)
Contact resistance	100 mOhm
[I <sub>th</sub> ] conventional enclosed thermal current	10 A (temperature : -40...55 °C)
[I <sub>e</sub> ] 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
[U <sub>i</sub> ] rated insulation voltage	250 V conforming to IEC 300 V conforming to UL 300 V conforming to CSA
[U <sub>imp</sub> ] 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	68 Ohm +/- 10 %
Insulation resistance	1000 MOhm at 500 V DC
Mounting position	Any position
Average consumption in W	0.53 W
Drop-out voltage threshold	>= 0.1 U <sub>c</sub> DC
Electrical insulation class	Class F
Operating time	20 ms
Reset time	20 ms
Control circuit voltage	6 V DC
Safety reliability data	B10d = 100000
Colour of cover	Transparent
Product weight	0.018 kg

## Environment

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	CSA C22.2 No 14 UL 508 IEC 61810-1
Product certifications	UL CE China RoHS REACH RoHS CSA EAC
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 %

## Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1426 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">Product environmental</a>
Product end of life instructions	Need no specific recycling operations