



## 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	2 C/O

## Complementary

Status LED	With
Contacts material	Silver alloy (AgSnO <sub>2</sub> In <sub>2</sub> O <sub>3</sub> )
Contact resistance	100 MOhm
[I <sub>th</sub> ] conventional enclosed thermal current	5 A at -40...55 °C
[I <sub>e</sub> ] 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	<= 1800 cycles/hour under load <= 18000 cycles/hour no-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 CSA 300 V conforming to UL
[U <sub>imp</sub> ] rated impulse withstand voltage	6 KV 1.2/50 µs
Dielectric strength	1000 V AC between contacts with micro disconnection 5000 V AC between coil and contact with reinforced insulation 3000 V AC between poles with basic insulation
Resistance	270 Ohm +/- 10 %
Insulation resistance	1000 MOhm at 500 V DC
Test levels	Level A group mounting
Mounting position	Any position
Drop-out voltage threshold	>= 0.1 U <sub>c</sub> DC

Electrical insulation class	Class F
Operating time	20 ms
Reset time	20 Ms
[Uc] control circuit voltage	12 V DC
Safety reliability data	B10d = 100000
Colour of cover	Standard
Control type	Lockable test button
Local signalling	Flag
Torque value	0.8 N.M
Net weight	0.02 Kg
Device presentation	Complete product

## Environment

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
IP degree of protection	IP40
Shock resistance	20 gn in operation 100 gn not in operation
Protection category	RT I
Standards	UL 508 IEC 61810-1 CSA C22.2 No 14
Product certifications	EAC CSA REACH UL CE China RoHS 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 %

## Packing Units

Package 1 Weight	20.300 G
Package 1 Height	35.500 Mm
Package 1 width	13.000 Mm
Package 1 Length	29.000 Mm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

Product Life Status : **Commercialised**