



### Main

Range of product	Zelio Relay
Series name	Miniature
Product or component type	Plug-in relay
Device short name	RXM
Utilisation coefficient	20 %
Sale per indivisible quantity	10

### Complementary

Contact operation	Standard
[Uc] control circuit voltage	230 V AC
[Ithe] conventional enclosed thermal current	5 A at -40...55 °C
Status LED	With
[Ui] rated insulation voltage	250 V conforming to IEC 300 V conforming to UL
[Uimp] rated impulse withstand voltage	2.5 KV during 1.2/50 µs conforming to IEC 61810-7
Contacts material	Silver alloy (Ag/Ni)
[Ie] rated operational current	5 A (AC-1/DC-1) conforming to UL 5 A (AC-1/DC-1) NO conforming to IEC 2.5 A (AC-1/DC-1) NC conforming to IEC
Minimum switching current	10 mA
Maximum switching voltage	250 V AC 125 V DC
Minimum switching voltage	17 V
Load current	5 A at 250 V AC 5 A at 30 V DC
Maximum switching capacity	1250 VA AC 150 W DC
Minimum switching capacity	170 mW
Operating rate	<= 1200 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	10000000 Cycles
Electrical durability	100000 Cycles for resistive load
Average coil consumption in VA	1.9 AC
Drop-out voltage threshold	>= 0.15 U <sub>c</sub> AC
Operating time	20 ms
Average resistance	15000 Ohm network: AC at 20 °C +/- 15 %
Rated operational voltage limits	184...253 V AC

Protection category	RT I
Test levels	Level A group mounting
Operating position	Any position
CAD overall width	21 Mm
CAD overall height	27 Mm
CAD overall depth	55 Mm
Net weight	0.036 Kg
Dielectric strength	1800 V AC between coil and contact 1550 V AC between poles 1000 V AC between contacts
Safety reliability data	B10d = 100000

## Environment

Product certifications	GOST UL
Standards	EN/IEC 61810-1 UL 508
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	-40...55 °C
Vibration resistance	3 gn, amplitude = +/- 1 mm (f = 10...55 Hz) without clip conforming- to EN/IEC 60068-2-6 5 gn, amplitude = +/- 1 mm (f = 10...55 Hz) with clip conforming- to EN/IEC 60068-2-6
IP degree of protection	IP40 conforming to EN/IEC 60529
Shock resistance	10 gn (duration = 11 ms) for opening conforming to EN/IEC 60068-2-27 10 gn (duration = 11 ms) for closing conforming to EN/IEC 60068-2-27

## Offer Sustainability

Sustainable offer status	Green Premium product
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>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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Product Life Status : **Commercialised**