



## Main

Range of product	Zelio Relay
Product or component type	Plug-in relay
Device short name	RHK
Contacts type and composition	4 C/O
Contact operation	Latching Low level
[Uc] control circuit voltage	24 V AC 50 Hz
[Ithe] conventional enclosed thermal current	1 A 40 °C
Status LED	Without
Control type	Manual control
Coil interference suppression	Without

## Complementary

[Ui] rated insulation voltage	250 V
Test levels	Level A group mounting
Operating position	Any position
Minimum switching capacity	50 mVA at 1 mA 50 mVA, 1 V
Contact bounce time	<= 10 ms
Maximum voltage drop	<100 V for 3 A at 24 V
Average resistance	30 mOhm at 20 °C
Average coil consumption in VA	6 (inrush) on coil 1 1.3 (holding) on coil 2 2.5 (inrush) on coil 2 3.5 (holding) on coil 1
Control circuit voltage limits	0.8...1.1 Uc conforming to IEC 60255
Drop-out voltage threshold	0.15...0.5 Uc
Cos phi	0.6 (inrush)

	0.7 (holding)
Mechanical durability	10000000 cycles
Maximum operating rate	2 cyc/mn
Operating time	5...17 ms between energisation of coil and closing of NO contact at 20 °C 8...16 ms between energisation of trip coil and closing of NC contact at 20 °C 1...3 ms for energisation/de-energisation 0.5...6 ms for de-energisation/energisation
Minimum pulse duration	50 ms
CAD overall width	33 mm
CAD overall height	43 mm
CAD overall depth	90 mm
Terminals description ISO n°1	(21-22-24)OC (31-32-34)OC (B1-B2)CO (11-12-14)OC (41-42-44)OC (A1-A2)CO
Product weight	0.09 kg
Compatibility code	RHK

## Environment

Standards	IEC 255 NF C 45-250 VDE 0435 BS 4794
Product certifications	ASE EDF BV UR USSR CSA
Protective treatment	TC
Dielectric strength	2500 V
Ambient air temperature for operation	-5...40 °C conforming to IEC 60255
Ambient air temperature for storage	-40...70 °C
Vibration resistance	6 gn (f= 10...55 Hz) conforming to IEC 60068-2-6 6 gn (f= 10...55 Hz) conforming to NF C 20-616
Shock resistance	30 gn for 11 ms conforming to NF C 20-608

## 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>
Circularity Profile	<a href="#">End of Life Information</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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