



RHK422J has not been replaced. Please contact your customer care center for more information.

ⓘ Discontinued

### 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	12 V DC
[Ithe] conventional enclosed thermal current	1 A at ≤ 104 °F (40 °C)
Status LED	Without
Control type	Manual control
Coil interference suppression	Without

### Complementary

[Ui] rated insulation voltage	250 V
Operating position	Any position
Minimum switching capacity	50 mVA/1 V 50 mVA at 1 mA
Contact bounce time	≤ 10 ms
Voltage drop	≤ 100 V for 3 A at 24 V
Average resistance	30 mOhm at 68 °F (20 °C)
Average coil consumption	1.6 W at 68 °F (20 °C) on coil 1 2.9 W at 68 °F (20 °C) on coil 2
Control circuit voltage limits	0.8...1.1 Uc conforming to IEC 60255
Drop-out voltage threshold	0.1...0.3 Uc
Time constant	12 ms open contact(s) 15 ms closed contact(s)
Mechanical durability	10000000 cycles
Operating rate	≤ 2 cyc/mn
Operating time	1...4 ms for energisation/de-energisation 1.2...4 ms for de-energisation/energisation 10...14 ms between energisation of trip coil and closing of NC contact at 68 °F (20 °C) 12...22 ms between energisation of coil and closing of NO contact at 68 °F (20 °C)
Minimum pulse duration	≥ 50 ms

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

CAD overall width	1.3 in (33 mm)
CAD overall height	1.69 in (43 mm)
CAD overall depth	3.54 in (90 mm)
Terminals description ISO n°1	(11-12-14)OC (B1-B2)CO (31-32-34)OC (A1-A2)CO (41-42-44)OC (21-22-24)OC
Product weight	0.2 lb(US) (0.09 kg)

## Environment

Standards	IEC 255 BS 4794 VDE 0435 NF C 45-250
Product certifications	EDF CSA UR BV ASE USSR
Protective treatment	TC
Dielectric strength	2500 V
Ambient air temperature for operation	23...104 °F (-5...40 °C) conforming to IEC 60255
Ambient air temperature for storage	-40...158 °F (-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 11 ms conforming to NF C 20-608

## Ordering and shipping details

Category	18403 - WORLD SERVICE PARTS(ENVELOPES)
Discount Schedule	CP10
Nbr. of units in pkg.	1
Package weight(Lbs)	0.31
Returnability	N

## Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>

## Contractual warranty

Warranty period	18 months
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