



RHK421F 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	110 V AC, 50 Hz
[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 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
Operating rate	≤ 2 cyc/mn
Operating time	1...3 ms for energisation/de-energisation 0.5...6 ms for de-energisation/energisation 5...17 ms between energisation of coil and closing of NO contact at 68 °F (20 °C) 8...16 ms between energisation of trip coil and closing of NC contact at 68 °F (20 °C)

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

Minimum pulse duration	>= 50 ms
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 (21-22-24)OC (31-32-34)OC (41-42-44)OC (A1-A2)CO (B1-B2)CO
Product weight	0.2 lb(US) (0.09 kg)

Environment

Standards	BS 4794 IEC 255 NF C 45-250 VDE 0435
Product certifications	ASE BV CSA EDF UR 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)	0.33000000000000002
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 www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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