

RHK416KF

plug-in relay - Zelio RHK - latching - 4 C/O -
120 V AC 60 Hz - 5 A



Main

Commercial Status	End of commercialisation
Range of product	Zelio Relay
Product or component type	Plug-in relay
Device short name	RHK
Contacts type and composition	4 C/O
Contacts operation	Latching Standard
Control circuit voltage	120 V AC, 60 Hz
[I]the] conventional enclosed thermal current	5 A at $\leq 104^{\circ}\text{F}$ (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	150 mVA/1 V 150 mVA at 10 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)
Switching time	0.5...6 ms de-energisation/energisation 1...3 ms energisation/de-energisation
Average consumption in VA	3.5 (holding) on coil 1 2.5 (inrush) on coil 2 1.3 (holding) on coil 2 6 (inrush) on coil 1
Control circuit voltage limits	0.8...1.1 U_c conforming to IEC 60255
Drop-out voltage threshold	0.15...0.5 U_c
Cos phi	0.7 (holding) 0.6 (inrush)
Mechanical durability	10000000 cycles
Operating rate	≤ 2 cyc/mn
Operating time	8...16 ms between energisation of trip coil and closing of NC contact at 68°F (20°C) 5...17 ms between energisation of coil and closing of NO contact at 68°F (20°C)
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
Product weight	0.31 lb(US) (0.14 kg)

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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 NF C 20-616 6 gn (f = 10...55 Hz) conforming to IEC 60068-2-6
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
GTIN	00785901563402
Nbr. of units in pkg.	1
Returnability	N
Country of origin	FR