

Product data sheet

Specifications



Plug in relay, Harmony Relay with suppressor, RHK, latching, 4 C/O, 110 V DC, 1 A

RHK422FA76

⚠ Discontinued on: Jan 18, 2021

⚠ Discontinued

Main

Range Of Product	Harmony Relay
Product Or Component Type	Plug-in relay
Device Short Name	RHK
Contacts Type And Composition	4 C/O
Contact Operation	Low level Latching
[Uc] Control Circuit Voltage	110 V DC
[Ithe] Conventional Enclosed Thermal Current	1 A 104 °F (40 °C)
Status Led	Without
Control Type	Manual control
Coil Interference Suppression	With

Complementary

[Ui] Rated Insulation Voltage	250 V
Operating Position	Any position
Minimum Switching Capacity	50 mVA 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 68 °F (20 °C)
Average Coil Consumption	1.6 W 68 °F (20 °C) coil 1 2.9 W 68 °F (20 °C) coil 2
Control Circuit Voltage Limits	0.8...1.1 Uc IEC 60255
Drop-Out Voltage Threshold	0.1...0.3 Uc
Time Constant	12 ms open 15 ms closed
Mechanical Durability	10000000 cycles
Maximum Operating Rate	2 cyc/mn
Operating Time	10...14 ms between energisation of trip coil and closing of NC contact 68 °F (20 °C) 12...22 ms between energisation of coil and closing of NO contact 68 °F (20 °C) 1...4 ms energisation/de-energisation 1.2...4 ms de-energisation/energisation
Minimum Pulse Duration	50 ms

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	1.30 in (33 mm)
Cad Overall Height	1.69 in (43 mm)
Cad Overall Depth	3.54 in (90 mm)
Terminals Description Iso N°1	(21-22-24)OC (A1-A2)CO (B1-B2)CO (41-42-44)OC (11-12-14)OC (31-32-34)OC
Net Weight	0.20 lb(US) (0.09 kg)
Compatibility Code	RHK

Environment

Standards	NF C 45-250 IEC 255 BS 4794 VDE 0435
Product Certifications	USSR CSA UR ASE BV EDF
Protective Treatment	TC
Dielectric Strength	2500 V
Ambient Air Temperature For Operation	23...104 °F (-5...40 °C) IEC 60255
Ambient Air Temperature For Storage	-40...158 °F (-40...70 °C)
Vibration Resistance	6 gn 10...55 Hz)IEC 60068-2-6 6 gn 10...55 Hz)NF C 20-616
Shock Resistance	30 gn 11 ms NF C 20-608

Ordering and shipping details

Category	18403-WORLD SERVICE PARTS(ENVELOPES)
Discount Schedule	CP10
Gtin	3606485341613
Returnability	No

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	1.34 in (3.4 cm)
Package 1 Width	1.69 in (4.3 cm)
Package 1 Length	4.06 in (10.3 cm)
Package 1 Weight	4.94 oz (140 g)

Contractual warranty

Warranty	18 months
----------	-----------