

# Product datasheet

Specifications



## on-delay timing relay with suppressor - 0.2..300 s - 4 C/O standard - 125V AC/DC

RHT418G

⚠ Discontinued on: 5 May 2016

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EAN Code: 3389110163759

## Main

Range Of Product	Zelio Relay
Product Or Component Type	Timing relay Plug-in relay
Device Short Name	RHT
Contacts Type And Composition	4 C/O
Contact Operation	Standard
[Uc] Control Circuit Voltage	125 V AC/DC 50/60 Hz
Time Delay Type	On-delay
Time Delay Range	0.2...3 s 1.5...30 s 15...300 s
[Ithe] Conventional Enclosed Thermal Current	5 A 40 °C
Status Led	With
Control Type	Selector switch
Coil Interference Suppression	With

## Complementary

[Ui] Rated Insulation Voltage	250 V
Operating Position	Any position
Minimum Switching Capacity	150 mVA at 10 mA, 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
Switching Time	1...3 ms AC for energisation/de-energisation 0.5...6 ms AC for de-energisation/energisation 1...4 ms DC for energisation/de-energisation 1.2...4 ms DC for de-energisation/energisation
Average Coil Consumption	2.5 W at 20 °C
Average Coil Consumption In Va	2.9 at 20 °C
Control Circuit Voltage Limits	0.8...1.1 Uc conforming to IEC 60255
Mechanical Durability	20000000 cycles
Repeat Accuracy	+/- 1 %
Setting Accuracy Of Time Delay	+/- 15 % of full scale

<b>Reset Time</b>	100 ms
<b>Cad Overall Width</b>	33 mm
<b>Cad Overall Height</b>	43 mm
<b>Cad Overall Depth</b>	108 mm
<b>Terminals Description Iso N°1</b>	(31-32-34)OC (21-22-24)OC (41-42-44)OC (A1-A2)CO (11-12-14)OC
<b>Net Weight</b>	0.13 kg

## Environment

<b>Standards</b>	IEC 60255 VDE 0435 NF C 45-250
<b>Product Certifications</b>	BV ASE EDF CSA USSR
<b>Protective Treatment</b>	TC
<b>Dielectric Strength</b>	2500 V
<b>Ambient Air Temperature For Operation</b>	-5...40 °C conforming to IEC 60255
<b>Ambient Air Temperature For Storage</b>	-40...70 °C
<b>Vibration Resistance</b>	6 gn (f= 10...55 Hz) conforming to IEC 60068-2-6 6 gn (f= 10...55 Hz) conforming to NF C 20-616
<b>Shock Resistance</b>	50 gn for 11 ms conforming to NF C 20-608
<b>Immunity To Microbreaks</b>	10 ms during time delay 2 ms after time delay

## Contractual warranty

<b>Warranty</b>	18 months
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