

Product data sheet

Specifications



on-delay timing relay with suppressor - 0.2..300 s - 4 C/O low level - 220 V AC

RHT421M

⚠ Discontinued on: May 5, 2016

⚠ Discontinued

Main

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|----------------------------------------------|---------------------------------------|
| Range Of Product | Zelio Relay |
| Product Or Component Type | Plug-in relay Timing relay |
| Device Short Name | RHT |
| Contacts Type And Composition | 4 C/O |
| Contact Operation | Low level |
| [Uc] Control Circuit Voltage | 220 V AC 50/60 Hz |
| Time Delay Type | On-delay |
| Time Delay Range | 0.2...3 s 15...300 s 1.5...30 s |
| [Ithe] Conventional Enclosed Thermal Current | 1 A 40 °C |
| Status Led | With |
| Control Type | Selector switch |
| Coil Interference Suppression | With |

Complementary

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|--------------------------------|------------------------------------------------------------------------------------------------|
| [Ui] Rated Insulation Voltage | 250 V |
| Operating Position | Any position |
| Minimum Switching Capacity | 50 mVA at 1 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 |
| Average Coil Consumption In Va | 3.5 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 |
| Reset Time | 100 ms |
| Cad Overall Width | 33 mm |

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

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|-------------------------------|---------------------------------------------------------------------------|
| Cad Overall Height | 43 mm |
| Cad Overall Depth | 108 mm |
| Terminals Description Iso N°1 | (A1-A2)CO (41-42-44)OC (21-22-24)OC (31-32-34)OC (11-12-14)OC |
| Net Weight | 0.13 kg |

Environment

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|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Standards | VDE 0435 IEC 60255 NF C 45-250 |
| Product Certifications | USSR ASE EDF CSA BV |
| Protective Treatment | TC |
| Dielectric Strength | 2500 V |
| Ambient Air Temperature For Operation | -5...40 °C conforming to IEC 60255 |
| Ambient Air Temperature For Storage | -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 | 50 gn for 11 ms conforming to NF C 20-608 |
| Immunity To Microbreaks | 10 ms during time delay 2 ms after time delay |

Contractual warranty

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| Warranty | 18 months |
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