

RHR418F

off-delay timing relay with suppressor - 0.2..300 s - 4 C/O standard- 110V AC/DC



Main

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|----------------------------------------------|---------------------------------------|
| Range of product | Zelio Relay |
| Product or component type | Plug-in relay Timing relay |
| Device short name | RHR |
| Contacts type and composition | 4 C/O |
| Contacts operation | Standard |
| Control circuit voltage | 110 V AC/DC, 50/60 Hz |
| Time delay type | Off-delay |
| Time delay range | 0.2...3 s 1.5...30 s 15...300 s |
| [Ithe] conventional enclosed thermal current | 5 A at <= 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 | 150 mVA at 10 mA/1 V |
| Contact bounce time | <= 10 ms |
| 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 1...4 ms DC for energisation/de-energisation 0.5...6 ms AC for de-energisation/energisation 1.2...4 ms DC for de-energisation/energisation |
| Average consumption in W | 2.5 W at 20 °C |
| Average consumption in VA | 2.9 at 20 °C |
| Control circuit voltage limits | 0.8...1.1 U _c 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 |
| CAD overall height | 43 mm |
| CAD overall depth | 108 mm |
| Terminals description ISO n°1 | (11-12-14)OC (21-22-24)OC (31-32-34)OC (41-42-44)OC (B1-A2-B2)CO |
| Product weight | 0.13 kg |

Environment

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|------------------------|--------------------------------------|
| Standards | IEC 60255 NF C 45-250 VDE 0435 |
| Product certifications | ASE BV |

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| 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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| Period | 18 months |
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