



## Main

|                                              |                              |
|----------------------------------------------|------------------------------|
| Range of product                             | Zelio Relay                  |
| Product or component type                    | Plug-in relay                |
| Device short name                            | RHN                          |
| Contacts type and composition                | 4 C/O                        |
| Contact operation                            | Instantaneous<br>Standard    |
| [Uc] control circuit voltage                 | 24 V AC, 60 Hz               |
| [Ithe] conventional enclosed thermal current | 5 A at $\leq 104$ °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 at 10 mA<br>150 mVA/1 V                                                                                                                                                                                                                                         |
| Contact bounce time            | $\leq 10$ ms                                                                                                                                                                                                                                                            |
| Voltage drop                   | $\leq 100$ V for 3 A at 24 V                                                                                                                                                                                                                                            |
| Average resistance             | 30 mOhm at 68 °F (20 °C)                                                                                                                                                                                                                                                |
| Average coil consumption in VA | 2.5 (holding) at 68 °F (20 °C)<br>4.5 (inrush) at 68 °F (20 °C)                                                                                                                                                                                                         |
| Control circuit voltage limits | 0.8...1.1 U <sub>c</sub> conforming to IEC 60255                                                                                                                                                                                                                        |
| Drop-out voltage threshold     | 0.15...0.5 U <sub>c</sub>                                                                                                                                                                                                                                               |
| Cos phi                        | 0.6 (inrush)<br>0.7 (holding)                                                                                                                                                                                                                                           |
| Mechanical durability          | 20000000 cycles                                                                                                                                                                                                                                                         |
| Operating rate                 | $\leq 6$ cyc/mn                                                                                                                                                                                                                                                         |
| Operating time                 | 2...15 ms between energisation of coil and closing of NO contact at 68 °F (20 °C)<br>1.2...12 ms between de-energisation of coil and closing of NC contact at 68 °F (20 °C)<br>1...3 ms for energisation/de-energisation<br>0.5...6 ms for de-energisation/energisation |
| CAD overall width              | 1.3 in (33 mm)                                                                                                                                                                                                                                                          |
| CAD overall height             | 1.69 in (43 mm)                                                                                                                                                                                                                                                         |
| CAD overall depth              | 2.13 in (54 mm)                                                                                                                                                                                                                                                         |
| Terminals description ISO n°1  | (11-12-14)OC<br>(21-22-24)OC<br>(31-32-34)OC<br>(41-42-44)OC<br>(A1-A2)CO                                                                                                                                                                                               |
| Product weight                 | 0.2 lb(US) (0.09 kg)                                                                                                                                                                                                                                                    |

## Environment

|                        |                                                 |
|------------------------|-------------------------------------------------|
| standards              | BS 4794<br>IEC 60255<br>NF C 45-250<br>VDE 0435 |
| product certifications | ASE<br>BV<br>CSA<br>EDF<br>UR                   |

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|                                       |                                                                                                      |
|---------------------------------------|------------------------------------------------------------------------------------------------------|
|                                       | 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 IEC 60068-2-6<br>6 gn (f = 10...55 Hz) conforming to NF C 20-616 |
| shock resistance                      | 50 gn 11 ms conforming to NF C 20-608                                                                |

### Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| WARNING: This product can expose you to chemicals including:                                                               | WARNING: This product can expose you to chemicals including:                                                               |
| Nickel compounds, which is known to the State of California to cause cancer, and                                           | Nickel compounds, which is known to the State of California to cause cancer, and                                           |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |



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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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