

## Product data sheet

### Characteristics

## RHN411UG

utični relej – Zelio RHN – trenutni – 4 C/O – 230 V AC 50 Hz – 5 A



### 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                 | 230 V AC 50 Hz            |
| [Ithe] conventional enclosed thermal current | 5 A 40 °C                 |
| Status LED                                   | Without                   |
| Control type                                 | Manual control            |
| Coil interference suppression                | Without                   |

### Complementary

|                                |                                                                                                                                                                                                                                           |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ui] rated insulation voltage  | 250 V                                                                                                                                                                                                                                     |
| Test levels                    | Level A                                                                                                                                                                                                                                   |
| Operating position             | Any position                                                                                                                                                                                                                              |
| Minimum switching capacity     | 150 mVA 10 mA<br>150 mVA, 1 V                                                                                                                                                                                                             |
| Contact bounce time            | <= 10 ms                                                                                                                                                                                                                                  |
| Maximum voltage drop           | <100 V for 3 A at 24 V                                                                                                                                                                                                                    |
| Average resistance             | 30 mOhm 20 °C                                                                                                                                                                                                                             |
| Average coil consumption in VA | 2,5 holding)20 °C<br>4,5 inrush)20 °C                                                                                                                                                                                                     |
| Control circuit voltage limits | 0.8...1.1 Uc IEC 60255                                                                                                                                                                                                                    |
| Drop-out voltage threshold     | 0.15...0.5 Uc                                                                                                                                                                                                                             |
| Cos phi                        | 0,6 inrush)<br>0,7 holding)                                                                                                                                                                                                               |
| Mechanical durability          | 20000000 cycles                                                                                                                                                                                                                           |
| Maximum operating rate         | 6 cyc/mn                                                                                                                                                                                                                                  |
| Operating time                 | 2...15 ms between energisation of coil and closing of NO contact 20 °C<br>1.2...12 ms between de-energisation of coil and closing of NC contact 20 °C<br>1...3 ms energisation/de-energisation<br>0.5...6 ms de-energisation/energisation |
| CAD overall width              | 33 mm                                                                                                                                                                                                                                     |
| CAD overall height             | 43 mm                                                                                                                                                                                                                                     |
| CAD overall depth              | 54 mm                                                                                                                                                                                                                                     |
| Terminals description ISO n°1  | (21-22-24)OC<br>(A1-A2)CO<br>(31-32-34)OC<br>(41-42-44)OC<br>(11-12-14)OC                                                                                                                                                                 |
| Net weight                     | 0,09 kg                                                                                                                                                                                                                                   |
| Compatibility code             | RHN                                                                                                                                                                                                                                       |

## Environment

|                                       |                                                              |
|---------------------------------------|--------------------------------------------------------------|
| Standards                             | BS 4794<br>NF C 45-250<br>IEC 60255<br>VDE 0435              |
| Product certifications                | CSA<br>BV<br>ASE<br>USSR<br>UR<br>EDF                        |
| Protective treatment                  | TC                                                           |
| Dielectric strength                   | 2500 V                                                       |
| Ambient air temperature for operation | -5...40 °C IEC 60255                                         |
| Ambient air temperature for storage   | -40...70 °C                                                  |
| Vibration resistance                  | 6 gn 10...55 Hz)IEC 60068-2-6<br>6 gn 10...55 Hz)NF C 20-616 |
| Shock resistance                      | 50 gn 11 ms NF C 20-608                                      |

## Offer Sustainability

|                            |                                                                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status održive ponude      | Proizvod Green Premium                                                                                                                                                                     |
| Uredba REACH               |  <a href="#">Izjava REACH</a>                                                                             |
| REACH, bez SVHC            | Da                                                                                                                                                                                         |
| Direktiva EU RoHS          | Proaktivna sukladnost (proizvod izvan zakonskog okvira direktive EU RoHS)  <a href="#">Izjava EU RoHS</a> |
| Bez otrovnih teških metala | Da                                                                                                                                                                                         |
| Bez žive                   | Da                                                                                                                                                                                         |
| Informacije o RoHS izuzeću |  <a href="#">Da</a>                                                                                     |
| Propis RoHS za Kinu        |  <a href="#">Izjava RoHS Za Kinu</a>                                                                    |
| Izjava o očuvanju okoliša  |  <a href="#">Ekološki Profil Proizvoda</a>                                                              |
| Profil cirkularnosti       |  <a href="#">Informacije O Kraju Vijeka Trajanja</a>                                                    |
| WEEE                       | Proizvod se na tržištima EU mora odlagati u skladu sa specifičnim propisima o prikupljanju otpada; nikako se ne smije odlagati s komunalnim otpadom.                                       |

## Contractual warranty

|         |           |
|---------|-----------|
| Jamstvo | 18 months |
|---------|-----------|