

# RUMC32ED

univerzalni utični relej – Zelio RUM – 3 C/O –  
48 V DC – 10 A - s LED-om



## Main

|   |                      |
|---|----------------------|
| Range of product                              | Zelio Relay          |
| Series name                                   | Universal            |
| Product or component type                     | Plug-in relay        |
| Device short name                             | RUM                  |
| Contacts type and composition                 | 3 C/O                |
| [Uc] control circuit voltage                  | 48 V DC              |
| [I]the] conventional enclosed thermal current | 10 A -40...55 °C     |
| Status LED                                    | With                 |
| Control type                                  | Lockable test button |
| Utilisation coefficient                       | 20 %                 |

## Complementary

|  |  |
|--|--|
| Shape of pin                           | Cylindrical  |
| [Ui] rated insulation voltage          | 250 V IEC<br>300 V CSA<br>300 V UL   |
| [Uimp] rated impulse withstand voltage | 4 kV 1.2/50 µs)  |
| Contacts material                      | AgNi   |
| [Ie] rated operational current         | 10 A 277 V AC UL<br>10 A 30 V DC UL<br>10 A 277 V AC same polarity)CSA<br>10 A 30 V DC CSA<br>5 A 250 V AC NC)IEC<br>5 A 28 V DC NC)IEC<br>10 A 250 V AC NO)IEC<br>10 A 28 V DC NO)IEC |
| Maximum switching voltage              | 250 V IEC  |
| Resistive rated load                   | 10 A 250 V AC<br>10 A 28 V DC  |
| Maximum switching capacity             | 2500 VA/280 W  |
| Minimum switching capacity             | 170 mW 10 mA, 17 V   |
| Operating rate                         | <= 18000 cycles/hour no-load<br><= 1200 cycles/hour under load   |
| Mechanical durability                  | 5000000 cycles   |
| Electrical durability                  | 100000 cycles resistive  |
| Average coil consumption in W          | 1,4 W  |
| Drop-out voltage threshold             | >= 0.1 U <sub>c</sub> DC   |
| Operate time                           | 20 ms at nominal voltage   |
| Release time                           | 20 ms at nominal voltage   |
| Average coil resistance                | 1800 Ohm 20 °C +/- 15 %  |
| Rated operational voltage limits       | 38.4...52.8 V DC   |
| Protection category                    | RT I   |
| Test levels                            | Level A  |
| Safety reliability data                | B10d = 100000  |






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|                     |                  |
|---------------------|------------------|
| Operating position  | Any position     |
| Net weight          | 0,086 kg         |
| Device presentation | Complete product |

## Environment

|                                       |  |
|---------------------------------------|--|
| Dielectric strength                   | 1500 V AC between contacts micro disconnection<br>2500 V AC between coil and contact reinforced<br>2000 V AC between poles basic |
| Product certifications                | CSA<br>RoHS<br>EAC<br>REACH<br>UL  |
| Standards                             | CSA C22.2 No 14<br>UL 508<br>EN/IEC 61810-1  |
| Ambient air temperature for storage   | -40...85 °C  |
| Ambient air temperature for operation | -40...55 °C  |
| Vibration resistance                  | 3 gn +/- 1 mm 10...150 Hz)5 cycles in operation<br>4 gn +/- 1 mm 10...150 Hz)5 cycles not operating                              |
| IP degree of protection               | IP40   |
| Shock resistance                      | 10 gn 11 ms) in operation EN/IEC 60068-2-27<br>10 gn 11 ms) not operating EN/IEC 60068-2-27                                      |
| Pollution degree                      | 2  |

## 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       | Nema potrebe za specifičnim operacijama recikliranja   |