

## Product data sheet

### Characteristics

## RPM12P7

utični strujni relej – Zelio RPM – 1 C/O – 230 V  
AC – 15 A – s LED-om



### Main

|                                              |                      |
|----------------------------------------------|----------------------|
| Range of product                             | Zelio Relay          |
| Series name                                  | Power                |
| Product or component type                    | Plug-in relay        |
| Device short name                            | RPM                  |
| Contacts type and composition                | 1 C/O                |
| [Uc] control circuit voltage                 | 230 V AC             |
| [Ithe] conventional enclosed thermal current | 15 A -40...55 °C     |
| Status LED                                   | With                 |
| Control type                                 | Lockable test button |
| Utilisation coefficient                      | 20 %                 |

### Complementary

|                                        |                                                                                                                                           |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Shape of pin                           | Flat                                                                                                                                      |
| [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         | 15 A 277 V AC) UL<br>15 A 28 V DC) UL<br>15 A 250 V AC) NO IEC<br>15 A 28 V DC) NO IEC<br>7,5 A 250 V AC) NC IEC<br>7,5 A 28 V DC) NC IEC |
| Maximum switching voltage              | 250 V IEC                                                                                                                                 |
| Resistive load current                 | 15 A 250 V AC<br>15 A 28 V DC                                                                                                             |
| Maximum switching capacity             | 3750 VA<br>420 W                                                                                                                          |
| Minimum switching capacity             | 170 mW 10 mA, 17 V                                                                                                                        |
| Operating rate                         | <= 1200 cycles/hour under load<br><= 18000 cycles/hour no-load                                                                            |
| Mechanical durability                  | 10000000 cycles                                                                                                                           |
| Electrical durability                  | 100000 cycles resistive                                                                                                                   |
| Average coil consumption in VA         | 1,6 60 Hz                                                                                                                                 |
| Drop-out voltage threshold             | >= 0.15 Uc AC                                                                                                                             |
| Operate time                           | 20 ms at nominal voltage                                                                                                                  |
| Release time                           | 20 ms at nominal voltage                                                                                                                  |
| Average coil resistance                | 16270 Ohm 20 °C +/- 15 %                                                                                                                  |
| Rated operational voltage limits       | 184...253 V AC                                                                                                                            |
| Protection category                    | RT I                                                                                                                                      |
| Test levels                            | Level A                                                                                                                                   |
| Operating position                     | Any position                                                                                                                              |

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|                         |                  |
|-------------------------|------------------|
| Pollution degree        | 3                |
| Safety reliability data | B10d = 100000    |
| Net weight              | 0,026 kg         |
| Device presentation     | Complete product |

## Environment

|                                       |                                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------|
| Dielectric strength                   | 1500 V AC between contacts micro disconnection<br>2000 V AC between coil and contact reinforced     |
| Standards                             | CSA C22.2 No 14<br>UL 508<br>EN/IEC 61810-1                                                         |
| Product certifications                | CSA<br>EAC<br>REACH<br>UL<br>RoHS                                                                   |
| 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>5 gn +/- 1 mm 10...150 Hz)5 cycles not operating |
| Degree of protection (Housing only)   | IP40 EN/IEC 60529                                                                                   |
| Shock resistance                      | 15 gn in operation<br>30 gn not operating                                                           |

## 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                                                                                                                                         |
| 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 |
|---------|-----------|