

## Product data sheet

### Characteristics

# ATER

## RUMC31E7

### Univerzalni utični relej – Zelio RUM – 3 C/O – 48 V AC – 10 A



#### 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 AC
[Ithe] conventional enclosed thermal current	10 A -40...55 °C
Status LED	Without
Control type	Lockable test button
Utilisation coefficient	20 %

#### Complementary

Shape of pin	Cylindrical
[Ui] rated insulation voltage	250 V IEC 300 V CSA 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 10 A 30 V DC UL 10 A 277 V AC same polarity)CSA 10 A 30 V DC CSA 5 A 250 V AC NC)IEC 5 A 28 V DC NC)IEC 10 A 250 V AC NO)IEC 10 A 28 V DC NO)IEC
Maximum switching voltage	250 V IEC
Resistive rated load	10 A 250 V AC 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 <= 1200 cycles/hour under load
Mechanical durability	5000000 cycles
Electrical durability	100000 cycles resistive
Average coil consumption in VA	3 60 Hz
Drop-out voltage threshold	>= 0.15 U <sub>c</sub> AC
Operate time	20 ms at nominal voltage
Release time	20 ms at nominal voltage
Average coil resistance	290 Ohm 20 °C +/- 15 %
Rated operational voltage limits	38.4...52.8 V AC
Protection category	RT I
Test levels	Level A
Safety reliability data	B10d = 100000

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Operating position	Any position
Neto težina	0,086 kg
Device presentation	Complete product

## Environment

Dielectric strength	1500 V AC between contacts micro disconnection 2500 V AC between coil and contact reinforced 2000 V AC between poles basic
Product certifications	UL CSA REACH EAC RoHS
Standards	EN/IEC 61810-1 CSA C22.2 No 14 UL 508
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 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 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>