

Product data sheet

Characteristics

RSL1PVFU

tanki relej montiran na vijčanu utičnicu s LED i
zaštitnim strujnim krugom, 110 V



Main

Range of product	Zelio Relay
Series name	Interface relay
Product or component type	Plug-in relay
Device short name	RSL
Contacts type and composition	1 C/O
Contact operation	Standard
[Uc] control circuit voltage	60 V DC
[Ithe] conventional enclosed thermal current	6 A -40...55 °C
Status LED	With
Shape of pin	Flat (PCB type)

Complementary

Fixing mode	Plastic compression spring
Average resistance	20500 Ohm DC 23 °C +/- 10 %
[Ui] rated insulation voltage	250 V EN/IEC 277 V cUL
[Uimp] rated impulse withstand voltage	6 kV IEC
Contacts material	Silver alloy (AgSnO2)
[Ie] rated operational current	6 A 1 C/O AC-1/DC-1)IEC/UL
Minimum switching current	100 mA
Maximum switching voltage	277 V
Switching voltage	12 V
Maximum switching capacity	1500 VA 150 W
Minimum switching capacity	120 mW
Operating rate	<= 72000 cycles/hour no-load <= 360 cycles/hour under load
Mechanical durability	10000000 cycles
Electrical durability	60000 cycles resistive, 6 A 250 V, AC-1
Operating time	5 ms reset 12 ms
Reset time	20 ms
Marking	CE
Protection category	RT III
Test levels	Level A
Operating position	Any position
Height	78,6 mm
Width	6,2 mm
Depth	95 mm
Terminals description ISO n°1	(A1-A2)CO (11-12-14)OC
Sale per indivisible quantity	10

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Net weight	0,029 kg
Load current	6 A 250 V AC 0.5 mm mounting distance
Average coil consumption	0,17 W, DC
Drop-out voltage threshold	$\geq 0.05 U_c$
Contact terminal arrangement	Separate
Connections - terminals	Screw connectors, 1 x 0.2...1 x 2.5 mm ² AWG 24...AWG 14) flexible with cable end Screw connectors, 1 x 0.2...1 x 2.5 mm ² AWG 24...AWG 14) solid without cable end
Tightening torque	< 0.5 N.m M2.5
Safety reliability data	B10d = 60000
Control type	Without push-button
Mounting support	35 mm symmetrical DIN rail
Device presentation	Complete product

Environment

Input voltage	110 V AC/DC 88...126.5 V)
Dielectric strength	1000 V AC between contacts 4000 V AC between coil and contact
Standards	CSA C22.2 No 14 EN/IEC 61810-1 UL 508
Product certifications	CSA UL GOST
Ambient air temperature for storage	-40...85 °C
Vibration resistance	10 gn +/- 1 mm 10...150 Hz)10 cycles not operating EN/IEC 60068-2-6 5 gn +/- 1 mm 10...150 Hz)10 cycles in operation EN/IEC 60068-2-6
IP degree of protection	IP40 EN/IEC 60529
Shock resistance	10 gn 11 ms) in operation EN/IEC 60068-2-27 5 gn 11 ms) not operating EN/IEC 60068-2-27
Ambient air temperature for operation	-40...70 °C

Offer Sustainability

Status održive ponude	Proizvod Green Premium
Uredba REACH	 Izjava REACH
REACH, bez SVHC	Da
Direktiva EU RoHS	Proaktivna sukladnost (proizvod izvan zakonskog okvira direktive EU RoHS)  Izjava EU RoHS
Bez otrovnih teških metala	Da
Bez žive	Da
Informacije o RoHS izuzeću	 Da
Propis RoHS za Kinu	 Izjava RoHS Za Kinu
Izjava o očuvanju okoliša	 Ekološki Profil Proizvoda
Profil cirkularnosti	 Informacije O Kraju Vijeka Trajanja
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
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