

RSL1PVB

Slim interface relay pre-assembled, 6 A, 1 CO, LED, protection module, spring terminal, 24 V AC



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	24 V DC
[Ithe] conventional enclosed thermal current	6 A -40...131 °F (-40...55 °C)
Status LED	With
Shape of pin	Flat (PCB type)

Complementary

Fixing mode	Plastic compression spring
Average resistance	3390 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
Marking	CE
Protection category	RT III
Test levels	Level A
Operating position	Any position
Maximum Height	3.09 in (78.6 mm)
Maximum Width	0.24 in (6.2 mm)
Maximum Depth	3.74 in (95 mm)
Terminals description ISO n°1	(A1-A2)CO (11-12-14)OC
Sale per indivisible quantity	10
Net Weight	0.06 lb(US) (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	24 V AC/DC 21.6...28.8 V)
Dielectric strength	1000 V AC between contacts 4000 V AC between coil and contact
Standards	CSA C22.2 No 14 UL 508 EN/IEC 61810-1
Product certifications	UL GOST CSA
Ambient air temperature for storage	-40...185 °F (-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...131 °F (-40...55 °C)

Ordering and shipping details

Category	21127 - ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	00785901617747
Nbr. of units in pkg.	10
Package weight(Lbs)	0.07 lb(US) (0.03 kg)
Returnability	Yes
Country of origin	CN

Packing Units

Package 1 Height	0.070 dm
Package 1 width	0.800 dm
Package 1 Length	0.970 dm

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Dimensions

