

RSL1PVBU

slim relay mounted on screw socket with LED
and protection circuit, 24 V



Product availability: Stock - Normally stocked in distribution facility



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 at -40...131 °F (-40...55 °C)
Status LED	With
Shape of pin	Flat (PCB type)
Sale per indivisible quantity	10

Complementary

Fixing mode	Plastic compression spring
Average resistance	3390 Ohm (DC) at 23 °C +/- 10 %
[Ui] rated insulation voltage	277 V conforming to cUL 250 V conforming to EN/IEC
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC
Contacts material	Silver alloy (AgSnO2)
[Ie] rated operational current	6 A 1 C/O (AC-1/DC-1) conforming to 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 load (6 A at 250 V, AC-1)
Operating time	5 ms reset 12 ms
Marking	CE
Protection category	RT III
Test levels	Level A group mounting
Operating position	Any position
Height	3.09 in (78.6 mm)
Width	0.24 in (6.2 mm)
Depth	3.74 in (95 mm)
Terminals description ISO n°1	(A1-A2)CO (11-12-14)OC
Product weight	0.06 lb(US) (0.029 kg)
Load current	6 A at 250 V AC 0.5 mm mounting distance

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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 cable with cable end Screw connectors (1 x 0.2...1 x 2.5 mm ² / AWG 24...AWG 14) solid cable without cable end
Tightening torque	$< 0.5 \text{ N.m (M2.5)}$
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 (input voltage limit: 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 EN/IEC 61810-1 UL 508
Product certifications	UL CSA GOST
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	5 gn +/- 1 mm (f = 10...150 Hz) 10 cycles in operation conforming to EN/IEC 60068-2-6 10 gn +/- 1 mm (f = 10...150 Hz) 10 cycles not operating conforming to EN/IEC 60068-2-6
IP degree of protection	IP40 conforming to EN/IEC 60529
Shock resistance	5 gn for 11 ms not operating conforming to EN/IEC 60068-2-27 10 gn for 11 ms in operation conforming to 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)	7.0000000000000007E-2
Returnability	Y
Country of origin	CN

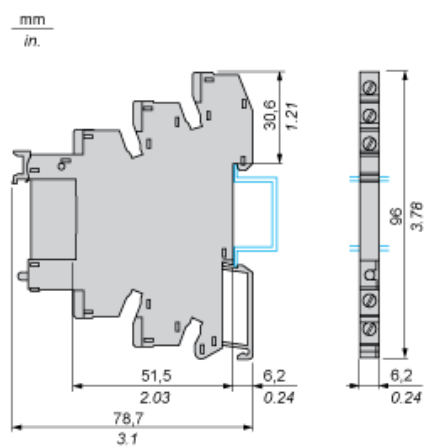
Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1417 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Available
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Nickel compounds, which is known to the State of California to cause cancer, and
----- Substance 2	Diisodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Dimensions



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