

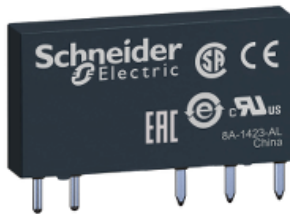
# RSL1GB4ND

slim interface plug-in relay - Zelio RSL - 1 C/O low level - 60 V DC - 6 A

Product availability : Non-Stock - Not normally stocked in distribution facility



Price\*\* : 9.64 USD



## Main

Range of product	Zelio Relay
Series name	Slim interface relay
Product or component type	Plug-in relay
Device short name	RSL
Contacts type and composition	1 C/O
Contact operation	Low level
[Uc] control circuit voltage	60 V DC
[Ithe] conventional enclosed thermal current	6 A -40...131 °F (-40...55 °C)
Status LED	Without
Control type	Without push-button

## Complementary

Shape of pin	Flat (PCB type)
Average resistance	16600 Ohm 73 °F (23 °C) +/- 15 %
Rated operational voltage limits	45...84 V DC
[Ui] rated insulation voltage	250 V EN/IEC 277 V cUL
[Uimp] rated impulse withstand voltage	6 kV IEC
Contacts material	Silver alloy - gold plated (AgSnO2)
[Ie] rated operational current	6 A AC-1/DC-1)IEC/UL
Minimum switching current	1 mA
Maximum switching voltage	277 V
Minimum switching voltage	24 V
Maximum switching capacity	1500 VA 50 W
Minimum switching capacity	24 mW

Operating rate	<= 360 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	10000000 cycles
Electrical durability	60000 cycles, 6 A 250 V, AC-1 C/O
Operating time	5 ms reset 12 ms
Protection category	RT III
Test levels	Level A
Operating position	Any position
Width	0.20 in (5 mm)
Height	1.10 in (28 mm)
Depth	0.73 in (18.5 mm)
Terminals description ISO n°1	(A1-A2)CO (11-12-14)OC
Net weight	0.01 lb(US) (0.0054 kg)
Load current	6 A 250 V AC 0.5 mm mounting distance
Average coil consumption	0.21 W
Drop-out voltage threshold	>= 0.05 Uc
Safety reliability data	B10d = 60000
Mounting support	Socket or PCB
Device presentation	Complete product

## Environment

Dielectric strength	1000 V AC between contacts 4000 V AC between coil and contact
Standards	UL 508 CSA C22.2 No 14 EN/IEC 61810-1
Product certifications	EAC CSA UL
Ambient air temperature for storage	-40...158 °F (-40...70 °C)
Vibration resistance	+/- 1 mm 10...55 Hz)EN/IEC 60068-2-6
IP degree of protection	IP40 EN/IEC 60529
Shock resistance	5 gn 11 ms) not operating EN/IEC 60068-2-27 5 gn 11 ms) in operation 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	03606480078002
Package weight(Lbs)	0.00 kg (0.01 lb(US))
Returnability	No

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>

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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

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### Contractual warranty

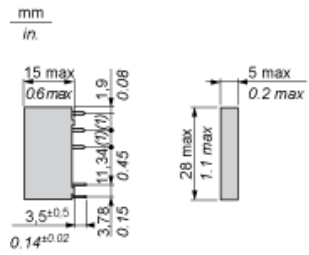
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Warranty	18 months
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Dimensions

Relay with Flat Pins (PCB Type)



(1): 5.04 mm / 0.19 in.

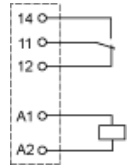
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## Wiring Diagram

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### Relay with Flat Pins (PCB Type)

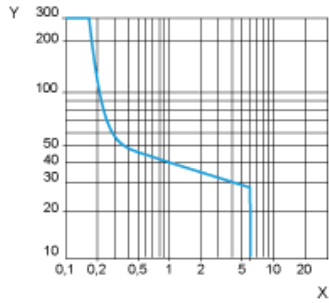
1 C/O contact



Curves for Resistive Load

Maximum Switching Capacity on DC Load

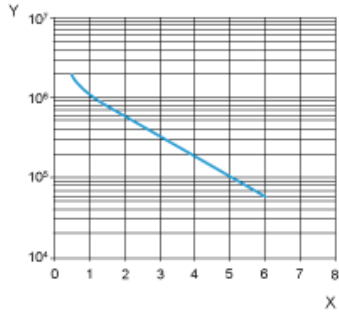
Resistive load



X DC Current  
Y DC Voltage

Electrical Durability

Only tested at 6A/250VAC, projection for the rest  
250 Vac Resistive load



X Switching current (A)  
Y Cycles

Note : These are typical curves, actual durability depends on load, environment, duty cycle, etc.