

# RSB1A120NDS

interface plug-in relay - Zelio RSB - 1 C/O - 60 V DC - 12 A - with socket

Price\*\* : 9.90 USD



RSB1A120NDS has not been replaced. Please contact your customer care center for more information.

⚠ Discontinued

## Main

Range of product	Zelio Relay
Series name	Interface relay
Product or component type	Plug-in relay
Device short name	RSB
Contacts type and composition	1 C/O
Contact operation	Standard
[Uc] control circuit voltage	60 V DC
[Ithe] conventional enclosed thermal current	12 A -40...104 °F (-40...40 °C)
Status LED	Without

## Complementary

Shape of pin	Flat
Average coil resistance	7500 Ohm DC 20 °C +/- 10 %
[Ue] rated operational voltage	48...66 V DC
[Ui] rated insulation voltage	400 V EN/IEC 60947
[Uimp] rated impulse withstand voltage	3.6 kV IEC 61000-4-5
Contacts material	Silver alloy (Ag/Ni)
[Ie] rated operational current	12 A AC-1/DC-1) NO IEC 6 A AC-1/DC-1) NC IEC
Minimum switching current	5 mA
Maximum switching voltage	300 V DC 400 V AC
Minimum switching voltage	5 V
Maximum switching capacity	3000 VA AC 336 W DC
Resistive rated load	12 A 250 V AC 12 A 28 V DC
Minimum switching capacity	300 mW 5 mA
Operating rate	<= 600 cycles/hour under load <= 72000 cycles/hour no-load
Mechanical durability	30000000 cycles
Electrical durability	100000 cycles, 12 A 250 V, AC-1 NO

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

100000 cycles, 6 A 250 V, AC-1 NC

Operating time	4 ms between coil de-energisation and making of the Off-delay contact 9 ms between coil energisation and making of the On-delay contact
Marking	CE
Average coil consumption	0.45 W DC
Drop-out voltage threshold	$\geq 0.1 U_c$ DC
Safety reliability data	B10d = 100000
Protection category	RT I
Operating position	Any position
Sale per indivisible quantity	10
Device presentation	Complete product

## Environment

Dielectric strength	1000 V AC between contacts 2500 V AC between poles 5000 V AC between coil and contact
Standards	CSA C22.2 No 14 UL 508 EN/IEC 61810-1
Product certifications	CSA UL GOST
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	+/- 1 mm 10...55 Hz)EN/IEC 60068-2-6
IP degree of protection	IP40 EN/IEC 60529
Shock resistance	10 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...158 °F (-40...70 °C) AC) -40...185 °F (-40...85 °C) DC)

## Ordering and shipping details

Category	21127-ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	03389110251807
Package weight(Lbs)	0.00 lb(US) (0.001 kg)
Returnability	No
Country of origin	FR

## Contractual warranty

Warranty	18 months
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