

RSB1A120EDS

interface plug-in relay - Zelio RSB - 1 C/O - 48 V
DC - 12 A - with socket

Price** : 9.90 USD



RSB1A120EDS 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	48 V DC
[Ithe] conventional enclosed thermal current	12 A at -40...104 °F (-40...40 °C)
Status LED	Without
Sale per indivisible quantity	10

Complementary

Shape of pin	Flat
Average coil resistance	5700 Ohm (DC) at 20 °C +/- 10 %
System Voltage	38.4...52.8 V DC
[Ui] rated insulation voltage	400 V conforming to EN/IEC 60947
[Uimp] rated impulse withstand voltage	3.6 kV conforming to IEC 61000-4-5
Contacts material	Silver alloy (Ag/Ni)
[Ie] rated operational current	12 A, NO (AC-1/DC-1) conforming to IEC 6 A, NC (AC-1/DC-1) conforming to 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 at 250 V AC 12 A at 28 V DC
Minimum switching capacity	300 mWat 5 mA
Operating rate	<= 600 cycles/hour under load <= 72000 cycles/hour no-load
Mechanical durability	30000000 cycles

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

Electrical durability	100000 cycles (12 A at 250 V, AC-1) NO 100000 cycles (6 A at 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	>= 0.1 Uc DC
Safety reliability data	B10d = 100000
Protection category	RT I
Operating position	Any position
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 GOST UL
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Vibration resistance	+/- 1 mm (f = 10...55 Hz) conforming to EN/IEC 60068-2-6
IP degree of protection	IP40 conforming to EN/IEC 60529
Shock resistance	10 gn for 11 ms not operating conforming to EN/IEC 60068-2-27 5 gn for 11 ms in operation conforming to 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
Nbr. of units in pkg.	20
Package weight(Lbs)	0.16
Returnability	N
Country of origin	FR

Contractual warranty

Warranty period	18 months
-----------------	-----------