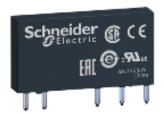
Product data sheet Characteristics

RSL1AB4BD

slim interface plug-in relay - Zelio RSL - 1 C/O standard - 24 V DC - 6 A

Product availability: Stock - Normally stocked in distribution facility





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	Standard
[Uc] control circuit voltage	24 V DC
[Ithe] conventional enclosed thermal current	6 Aat -40131 °F (-4055 °C)
Status LED	Without
Control type	Without push-button

Complementary

Shape of pin	Flat (PCB type)	- o
Average resistance	3390 Ohm at 73 °F (23 °C) +/- 15 %	and -
Rated operational voltage limits	1833.6 V DC	te for
[Ui] rated insulation voltage	277 V conforming to cUL 250 V conforming to EN/IEC	 substitute
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC	d as
Contacts material	Silver alloy (AgSnO2)	ende
[le] rated operational current	6 A (AC-1/DC-1) conforming to IEC/UL	ot int
Minimum switching current	10 mA	- s
Maximum switching voltage	277 V	ntatio
Switching voltage	12 V	nme
Maximum switching capacity	1500 VA 50 W	This doc
Minimum switching capacity	120 mW	aimer:
Operating rate	<= 360 cycles/hour under load	_ Discla

Mechanical durability	10000000 cycles
Electrical durability	60000 cycles (6 Aat 250 V, AC-1) C/O
Operating time	5 ms 12 ms reset
Protection category	RTIII
Operating position	Any position
Width	0.2 in (5 mm)
Height	1.1 in (28 mm)
Depth	0.73 in (18.5 mm)
Terminals description ISO n°1	(A1-A2)CO (11-12-14)OC
Product weight	0.01 lb(US) (0.0054 kg)
Load current	6 Aat 250 V ACfor 0.5 mm mounting distance
Average coil consumption	0.17 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	CSA C22.2 No 14 EN/IEC 61810-1 UL 508
Product certifications	CSA UL EAC
Ambient air temperature for storage	-40158 °F (-4070 °C)
Vibration resistance	+/- 1 mm (f = 1055 Hz) conforming to EN/IEC 60068-2-6
IP degree of protection	IP40 conforming to EN/IEC 60529
Shock resistance	5 gn 11 ms not operating conforming to EN/IEC 60068-2-27 5 gn 11 ms in operation conforming to EN/IEC 60068-2-27
Ambient air temperature for operation	-40131 °F (-4055 °C)

Ordering and shipping details

Category	21127 - ZELIO ICE CUBE RELAYS
Discount Schedule	CP2
GTIN	00785901695226
Nbr. of units in pkg.	10
Package weight(Lbs)	0.01
Returnability	Υ
Country of origin	CN

Offer Sustainability

Green Premium product	
Compliant - since 1417 - Schneider Electric declaration of conformity	
Schneider Electric declaration of conformity	
Reference not containing SVHC above the threshold	
Reference not containing SVHC above the threshold	
Available	
Need no specific recycling operations	
	Compliant - since 1417 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold Available

Contractual warranty

Warranty period

18 months