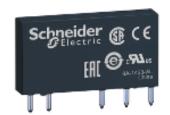
Product data sheet Characteristics

RSL1AB4BD

Slim interface plug-in relay, 6 A, 1 CO, standard, 24 V DC



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 A at -4055 °C
Status LED	Without
Control type	Without push-button

Complementary

Complementary	
Shape of pin	Flat (PCB type)
Average resistance	3390 Ohm at 23 °C +/- 15 %
Rated operational voltage limits	1833.6 V DC
[Ui] rated insulation voltage	250 V conforming to EN/IEC 277 V conforming to cUL
[Uimp] rated impulse withstand voltage	6 KV IEC
Contacts material	Silver alloy (AgSnO2)
[le] rated operational current	6 A (AC-1/DC-1) conforming to IEC/UL
Minimum switching current	10 MA
Maximum switching voltage	277 V
Switching voltage	12 V
Maximum switching capacity	1500 VA 50 W
Minimum switching capacity	120 mW
Operating rate	<= 360 cycles/hour under load <= 18000 cycles/hour no-load
Mechanical durability	10000000 Cycles
Electrical durability	60000 Cycles, 6 A at 250 V, AC-1 C/O
Operating time	5 ms reset 12 ms
Protection category	RT III
Test levels	Level A group mounting
Operating position	Any position
Width	5 Mm
Height	28 Mm
Depth	18.5 Mm

Terminals description ISO n°1	(11-12-14)OC	
	(A1-A2)CO	
Net weight	0.0054 Kg	
Load current	6 A at 250 V AC 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	-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 (duration = 11 ms) for not operating conforming to EN/IEC 60068-2-27 5 gn (duration = 11 ms) for in operation conforming to EN/IEC 60068-2-27
Ambient air temperature for operation	-4055 °C

Packing Units

Package 1 Weight	0.006 Kg	
Package 1 Height	0.050 Dm	
Package 1 width	0.150 Dm	
Package 1 Length	0.280 Dm	

Offer Sustainability

Chor Castamasinty	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) [™] EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	₽¥Yes
China RoHS Regulation	☑ China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information

Contractual warranty

Warranty	18 months
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Product Life Status : Commercialised

