

slim interface relay, Harmony Electromechanical Relays, pre assembled, 6A, 1CO, with LED, screw connec to rs, 24V AC/DC

RSL1PVBU

Product availability: Stock - Normally stocked in distribution facility

Main

Range of Product	Harmony Electromechanical Relays	
Series name	RSL series	
Product or Component Type	Pre-assembled plug-in relay with socket	
Relay Type	Slim interface relay	
Contact operation	Standard	
Contacts type and composition	1 C/O	
Status LED	With	
[Uc] control circuit voltage	24 V AC/DC	
[Ithe] conventional enclosed	6 A -40131 °F (-4055 °C)	

Complementary

Fixing Mode	Plastic compression spring	
Average resistance	3390 Ohm DC 23 °C +/- 10 %	
[Uimp] rated impulse withstand voltage	6 kV IEC	
[le] rated operational current	6 A 1 C/O AC-1/DC-1)IEC/UL	
minimum switching current	100 mA	
Minimum switching voltage	12 V	
[Ui] rated insulation voltage	250 V IEC 277 V cUL	
Minimum switching capacity	120 mW	
Maximum switching voltage	277 V	
Drop-out voltage threshold	>= 0.05 Uc	
Load current	6 A 250 V AC 0.5 mm mounting distance	
Electrical durability	60000 cycles resistive, 6 A 250 V, AC-1	
Maximum switching capacity	1500 VA 150 W	
Operating time	5 ms reset 12 ms	
Terminals description ISO n°1	(A1-A2)CO (11-12-14)OC	
Average coil consumption	0.17 W, DC	
Mechanical durability	10000000 cycles	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Safety reliability data	B10d = 60000	
Operating rate	<= 18000 cycles/hour no-load <= 360 cycles/hour under load	
Tightening torque	< 0.5 N.m M2.5	
Control Type	Without lockable test button	
Compatibility code	RSL	
Contact terminal arrangement	Separate	
Connections - terminals	Screw connectors, 1 x 0.21 x 2.5 mm² AWG 24AWG 14) flexible with cable end Screw connectors, 1 x 0.21 x 2.5 mm² AWG 24AWG 14) solid without cable end	
Protection category	RT III	
Mounting Support	35 mm symmetrical DIN rail	
Operating position	Any position	
Test levels	Level A group mounting	
Device presentation	Complete product	
Sale per indivisible quantity	10	
Contacts material	Silver alloy (AgSnO2)	
Shape of pin	Flat (PCB type)	
Width	0.2 in (6.2 mm)	
Height	3.09 in (78.6 mm)	
Depth	3.7 in (95 mm)	
Net Weight	0.064 lb(US) (0.029 kg)	

Environment

Input voltage	24 V AC/DC 21.628.8 V)	
Dielectric strength	1000 V AC between contacts 4000 V AC between coil and contact	
IP degree of protection	IP40 conforming to IEC 60529	
Ambient air temperature for operation	-40131 °F (-4055 °C)	
Standards	CSA C22.2 No 14 UL 508 IEC 61810-1	
Product Certifications	UL GOST CSA	
Marking	CE	
Ambient Air Temperature for Storage	-40185 °F (-4085 °C)	
Vibration resistance	10 gn +/- 1 mm 10150 Hz)10 cycles not operating IEC 60068-2-6 5 gn +/- 1 mm 10150 Hz)10 cycles in operation IEC 60068-2-6	
Shock resistance	10 gn 11 ms) in operation IEC 60068-2-27 5 gn 11 ms) not operating IEC 60068-2-27	

Ordering and shipping details

Category	US10CP221127	
Discount Schedule	0CP2	
GTIN	3606480077838	

Returnability	Yes
Country of origin	FR

Packing Units

9		
Unit Type of Package 1	PCE	
Number of Units in Package 1	1	
Package 1 Height	0.28 in (0.700 cm)	
Package 1 Width	3.15 in (8.000 cm)	
Package 1 Length	3.86 in (9.800 cm)	
Package 1 Weight	1.023 oz (29.000 g)	
Unit Type of Package 2	BB1	
Number of Units in Package 2	10	
Package 2 Height	2.87 in (7.300 cm)	
Package 2 Width	3.43 in (8.700 cm)	
Package 2 Length	4.17 in (10.600 cm)	
Package 2 Weight	11.076 oz (314.000 g)	
Unit Type of Package 3	S03	
Number of Units in Package 3	300	
Package 3 Height	11.81 in (30.000 cm)	
Package 3 Width	11.81 in (30.000 cm)	
Package 3 Length	15.75 in (40.000 cm)	
Package 3 Weight	21.865 lb(US) (9.918 kg)	

Contractual warranty

Warranty 18 months



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

∅ Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	27
Environmental Disclosure	Product Environmental Profile

Use Better

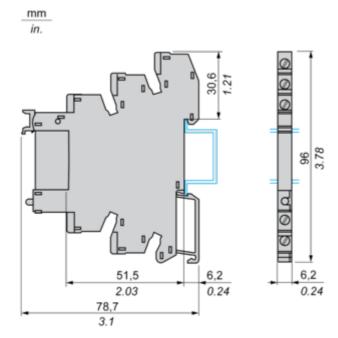
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions



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Technical Illustration

Dimensions

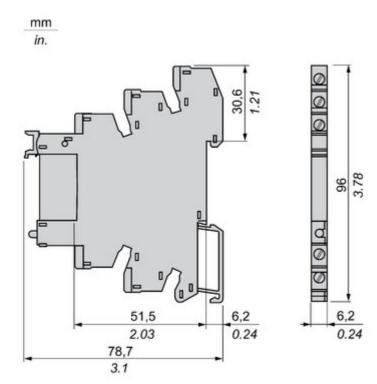
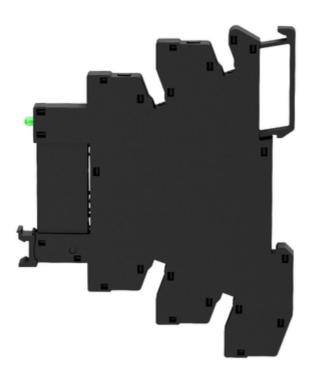


Image of product / Alternate images

Alternative









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