

# Product data sheet

Specifications



slim interface relay, Harmony  
Electromechanical Relays, pre  
assembled, 6A, 1CO, with LED,  
screw connec to rs, 110V AC/DC

RSL1PVFU

**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	110 V AC/DC
[Ithe] conventional enclosed thermal current	6 A -40...131 °F (-40...55 °C)

## Complementary

Fixing Mode	Plastic compression spring
Average resistance	20500 Ohm DC 23 °C +/- 10 %
[Uimp] rated impulse withstand voltage	6 kV IEC
[Ie] 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	$\geq 0.05 U_c$
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.

<b>Safety reliability data</b>	B10d = 60000
<b>Operating rate</b>	<= 72000 cycles/hour no-load <= 360 cycles/hour under load
<b>Tightening torque</b>	< 0.5 N.m M2.5
<b>Control Type</b>	Without lockable test button
<b>Compatibility code</b>	RSL
<b>Reset time</b>	20 ms
<b>Contact terminal arrangement</b>	Separate
<b>Connections - terminals</b>	Screw connectors, 1 x 0.2...1 x 2.5 mm <sup>2</sup> AWG 24...AWG 14) flexible with cable end Screw connectors, 1 x 0.2...1 x 2.5 mm <sup>2</sup> AWG 24...AWG 14) solid without cable end
<b>Protection category</b>	RT III
<b>Mounting Support</b>	35 mm symmetrical DIN rail
<b>Operating position</b>	Any position
<b>Test levels</b>	Level A group mounting
<b>Device presentation</b>	Complete product
<b>Sale per indivisible quantity</b>	10
<b>Contacts material</b>	Silver alloy (AgSnO2)
<b>Shape of pin</b>	Flat (PCB type)
<b>Width</b>	0.2 in (6.2 mm)
<b>Height</b>	3.09 in (78.6 mm)
<b>Depth</b>	3.7 in (95 mm)
<b>Net Weight</b>	0.064 lb(US) (0.029 kg)

## Environment

<b>Input voltage</b>	110 V AC/DC 88...126.5 V)
<b>Dielectric strength</b>	1000 V AC between contacts 4000 V AC between coil and contact
<b>IP degree of protection</b>	IP40 conforming to IEC 60529
<b>Ambient air temperature for operation</b>	-40...158 °F (-40...70 °C)
<b>Standards</b>	CSA C22.2 No 14 IEC 61810-1 UL 508
<b>Product Certifications</b>	CSA UL GOST
<b>Marking</b>	CE
<b>Ambient Air Temperature for Storage</b>	-40...185 °F (-40...85 °C)
<b>Vibration resistance</b>	10 gn +/- 1 mm 10...150 Hz)10 cycles not operating IEC 60068-2-6 5 gn +/- 1 mm 10...150 Hz)10 cycles in operation IEC 60068-2-6
<b>Shock resistance</b>	10 gn 11 ms) in operation IEC 60068-2-27 5 gn 11 ms) not operating IEC 60068-2-27

## Ordering and shipping details

<b>Category</b>	US10CP221127
<b>Discount Schedule</b>	0CP2

<b>GTIN</b>	3606480077852
<b>Returnability</b>	Yes
<b>Country of origin</b>	FR

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	2.76 in (7.000 cm)
<b>Package 1 Width</b>	3.39 in (8.600 cm)
<b>Package 1 Length</b>	4.06 in (10.300 cm)
<b>Package 1 Weight</b>	0.988 oz (28.000 g)
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	10
<b>Package 2 Height</b>	2.76 in (7.000 cm)
<b>Package 2 Width</b>	3.39 in (8.600 cm)
<b>Package 2 Length</b>	4.06 in (10.300 cm)
<b>Package 2 Weight</b>	10.829 oz (307.000 g)
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	300
<b>Package 3 Height</b>	11.81 in (30.000 cm)
<b>Package 3 Width</b>	11.81 in (30.000 cm)
<b>Package 3 Length</b>	15.75 in (40.000 cm)
<b>Package 3 Weight</b>	21.605 lb(US) (9.800 kg)

## Contractual warranty

<b>Warranty</b>	18 months
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## Environmental Data

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)	4
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## Use Better

### Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
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REACH Regulation	<a href="#">REACH Declaration</a>
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California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
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## Use Again

### Repack and remanufacture

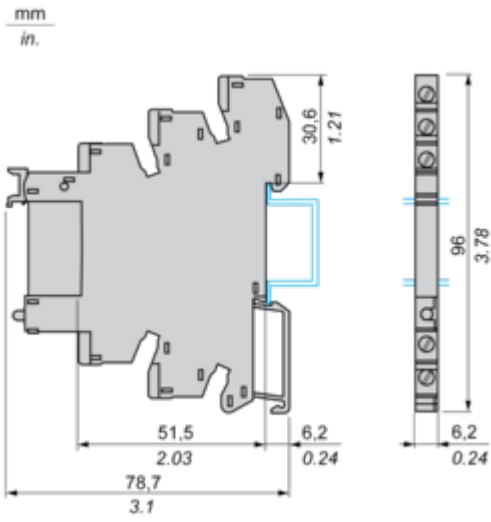
Take-back	No
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WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
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Dimensions Drawings

Dimensions

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Technical Illustration

Dimensions

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mm  
in.

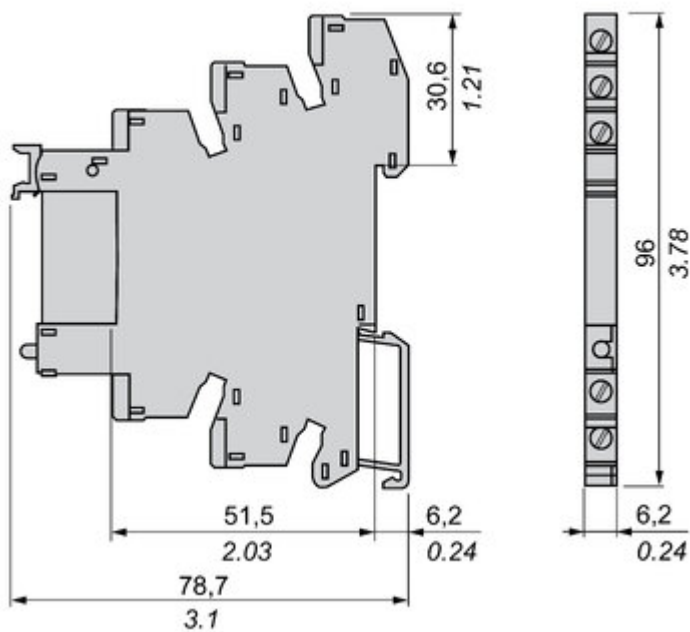


Image of product / Alternate images

Alternative

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