

# 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
[Ite] 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 %
[Uiimp] 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	>= 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.

<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 (AgSnO <sub>2</sub> )
<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>Product 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

GTIN	3606480077852
Returnability	Yes
Country of origin	CN

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.76 in (7.000 cm)
Package 1 Width	3.39 in (8.600 cm)
Package 1 Length	4.06 in (10.300 cm)
Package weight(Lbs)	0.988 oz (28.000 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	2.76 in (7.000 cm)
Package 2 Width	3.39 in (8.600 cm)
Package 2 Length	4.06 in (10.300 cm)
Package 2 Weight	10.829 oz (307.000 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	21.605 lb(US) (9.800 kg)

## Contractual warranty

Warranty	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

## Use Better

### Materials and Substances

Packaging made with recycled cardboard

Yes

Packaging without single use plastic

Yes

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

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](http://www.P65Warnings.ca.gov)

## Use Again

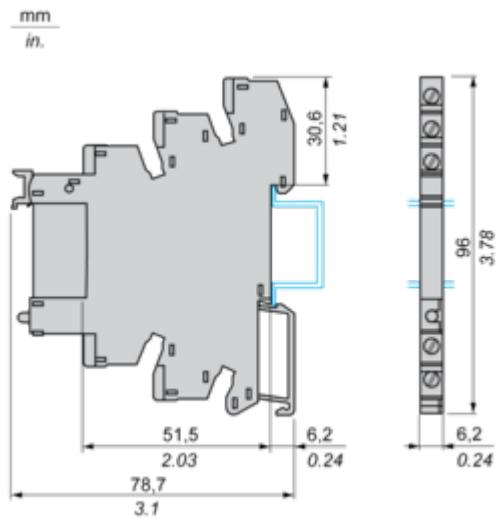
### Repack and remanufacture

Take-back

No

## Dimensions Drawings

## Dimensions



## Technical Illustration

## Dimensions

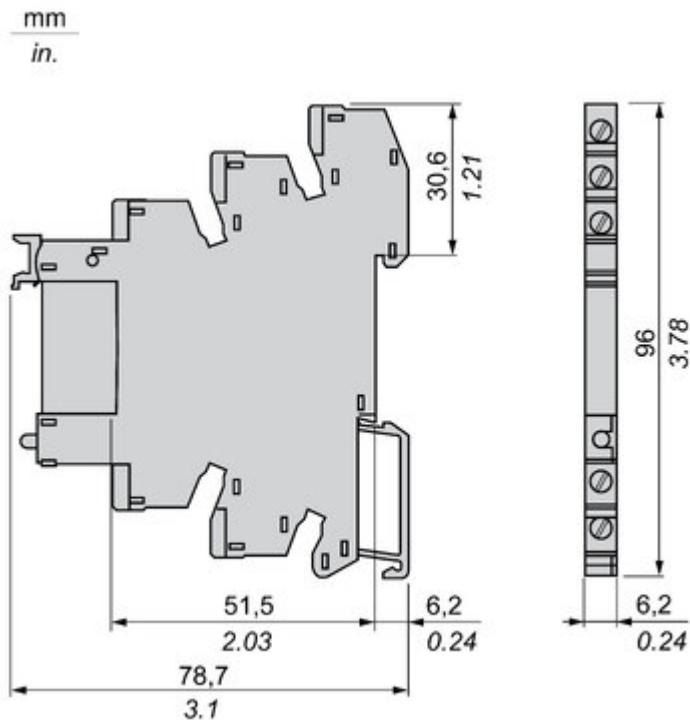


Image of product / Alternate images

Alternative

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