

# Product datasheet

Specifications



## Slim interface relay pre-assembled, 6 A, 1 CO, LED, protection module, screw connector, 230 V AC

Local distributor code:

398068961

RSL1PVPU

EAN Code: 3606480077869

## Main

Range Of Product	Harmony Electromechanical Relays
Series Name	Interface relay
Product Or Component Type	Pre-assembled plug-in relay with socket
Device Short Name	RSL
Contacts Type And Composition	1 C/O
Contact Operation	Standard
[Uc] Control Circuit Voltage	230 V AC/DC
[Ithe] Conventional Enclosed Thermal Current	6 A at -40...55 °C
Status Led	With
Shape Of Pin	Flat (PCB type)

## Complementary

Fixing Mode	Plastic compression spring
Average Resistance	20500 Ohm network: DC at 23 °C +/- 10 %
[Ui] Rated Insulation Voltage	250 V conforming to IEC 277 V conforming to cUL
[Uimp] Rated Impulse Withstand Voltage	6 kV conforming to IEC
Contacts Material	Silver alloy (AgSnO2)
[Ie] Rated Operational Current	6 A 1 C/O (AC-1/DC-1) conforming to IEC/UL
Minimum Switching Current	100 mA
Maximum Switching Voltage	277 V
Minimum Switching Voltage	12 V
Maximum Switching Capacity	1500 VA 150 W
Minimum Switching Capacity	120 mW
Operating Rate	<= 72000 cycles/hour no-load <= 360 cycles/hour under load
Mechanical Durability	10000000 cycles
Electrical Durability	60000 cycles for resistive load, 6 A at 250 V, AC-1
Operating Time	5 ms reset 12 ms
Reset Time	20 ms

Marking	CE
Protection Category	RT III
Test Levels	Level A group mounting
Operating Position	Any position
Height	78.6 mm
Width	6.2 mm
Depth	95 mm
Terminals Description Iso N°1	(11-12-14)OC (A1-A2)CO
Sale Per Indivisible Quantity	10
Net Weight	0.029 kg
Load Current	6 A at 250 V AC 0.5 mm mounting distance
Average Coil Consumption	0.17 W, DC
Drop-Out Voltage Threshold	>= 0.05 Uc
Contact Terminal Arrangement	Separate
Connections - Terminals	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
Tightening Torque	< 0.5 N.m for M2.5 screw(s)
Safety Reliability Data	B10d = 60000
Control Type	Without push-button
Mounting Support	35 mm symmetrical DIN rail
Device Presentation	Complete product

## Environment

Input Voltage	230 V AC/DC (input voltage limit: 184...264.5 V)
Dielectric Strength	1000 V AC between contacts 4000 V AC between coil and contact
Standards	IEC 61810-1 UL 508 CSA C22.2 No 14
Product Certifications	GOST CSA UL
Ambient Air Temperature For Storage	-40...85 °C
Vibration Resistance	10 gn, amplitude = +/- 1 mm (f = 10...150 Hz)10 cycles not operating conforming to IEC 60068-2-6 5 gn, amplitude = +/- 1 mm (f = 10...150 Hz)10 cycles in operation conforming to IEC 60068-2-6
Ip Degree Of Protection	IP40 conforming to IEC 60529
Shock Resistance	10 gn (duration = 11 ms) for in operation conforming to IEC 60068-2-27 5 gn (duration = 11 ms) for not operating conforming to IEC 60068-2-27
Ambient Air Temperature For Operation	-40...70 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Package 1 Height	0.7 cm
Package 1 Width	9.6 cm
Package 1 Length	7.9 cm
Package 1 Weight	28.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	7.0 cm
Package 2 Width	10.3 cm
Package 2 Length	8.5 cm
Package 2 Weight	311.0 g
Unit Type Of Package 3	S03
Number Of Units In Package 3	300
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	9.822 kg

## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Toxic Free

✓ Phenolic Free Solution

## Certifications & Standards

**Reach Regulation**

[REACH Declaration](#)

**Eu Rohs Directive**

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

[EU RoHS Declaration](#)

**China Rohs Regulation**

[China RoHS declaration](#)

**Environmental Disclosure**

[Product Environmental Profile](#)

**Weee**

The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Circularity Profile**

[End of Life Information](#)

Dimensions Drawings

Dimensions

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