

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 ² (AWG 24...AWG 14) flexible with cable end Screw connectors, 1 x 0.2...1 x 2.5 mm ² (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-CO₂ 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](#)

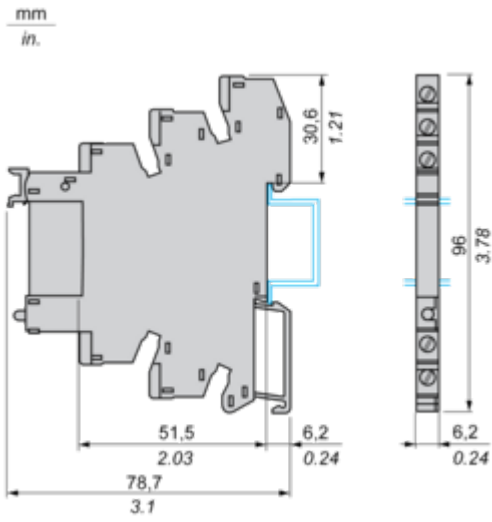
Environmental Disclosure [Product Environmental Profile](#)

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



Technical Illustration

Dimensions

mm
in.

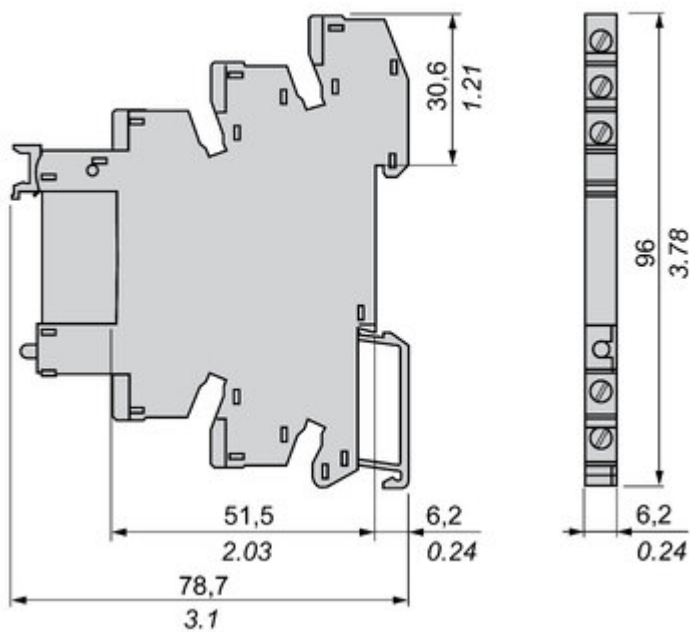


Image of product / Alternate images

Alternative

