Product data sheet

Specifications

Green Premium™

slim interface relay, Harmony Electromechanical Relays, pre assembled, 6A, 1CO, with LED, screw connec to rs, 12V AC/DC

RSL1PVJU

Product availability: Stock - Normally stocked in distribution facility

Price*: 14.64 USD

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	12 V AC/DC
[Ithe] Conventional Enclosed Thermal Current	6 A -40…131 °F (-40…55 °C)
Status Led	With
Shape Of Pin	Flat (PCB type)

Complementary

Fixing Mode	Plastic compression spring
Average Resistance	848 Ohm DC 23 °C +/- 10 %
[Ui] Rated Insulation Voltage	250 V IEC 277 V cUL
[Uimp] Rated Impulse Withstand Voltage	6 kV IEC
Contacts Material	Silver alloy (AgSnO2)
[Ie] Rated Operational Current	6 A 1 C/O AC-1/DC-1)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 resistive, 6 A 250 V, AC-1

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Operating Time	5 ms reset 12 ms
Marking	CE
Protection Category	RT III
Test Levels	Level A group mounting
Operating Position	Any position
Height	3.09 in (78.6 mm)
Width	0.24 in (6.2 mm)
Depth	3.74 in (95 mm)
Terminals Description Iso N°1	(11-12-14)OC (A1-A2)CO
Sale Per Indivisible Quantity	10
Net Weight	0.06 lb(US) (0.029 kg)
Load Current	6 A 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 mm² AWG 24...AWG 14) flexible with cable end Screw connectors, 1 x 0.2...1 x 2.5 mm² AWG 24...AWG 14) solid without cable end
Tightening Torque	< 0.5 N.m M2.5
Safety Reliability Data	B10d = 60000
Control Type	Without push-button
Mounting Support	35 mm symmetrical DIN rail
Device Presentation	Complete product

Environment

Input Voltage	12 V AC/DC 11.4...14.4 V)
Dielectric Strength	1000 V AC between contacts 4000 V AC between coil and contact
Standards	CSA C22.2 No 14 UL 508 IEC 61810-1
Product Certifications	UL GOST CSA
Ambient Air Temperature For Storage	-40…185 °F (-40…85 °C)
Vibration Resistance	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
Ip Degree Of Protection	IP40 conforming to IEC 60529
Shock Resistance	10 gn 11 ms) in operation IEC 60068-2-27 5 gn 11 ms) not operating IEC 60068-2-27
Ambient Air Temperature For Operation	-40…131 °F (-40…55 °C)

Ordering and shipping details

Category	US10CP221127
Discount Schedule	0CP2

Gtin	3606480077821
Returnability	Yes
Country Of Origin	CN

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	0.28 in (0.7 cm)
Package 1 Width	3.15 in (8 cm)
Package 1 Length	3.82 in (9.7 cm)
Package 1 Weight	0.99 oz (28 g)
Unit Type Of Package 2	BB1
Number Of Units In Package 2	10
Package 2 Height	2.76 in (7 cm)
Package 2 Width	4.06 in (10.3 cm)
Package 2 Length	3.35 in (8.5 cm)
Package 2 Weight	11.08 oz (314 g)
Unit Type Of Package 3	S03
Number Of Units In Package 3	300
Package 3 Height	11.81 in (30 cm)
Package 3 Width	11.81 in (30 cm)
Package 3 Length	15.75 in (40 cm)
Package 3 Weight	21.83 lb(US) (9.903 kg)

Contractual warranty

Warranty	18 months

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_2 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

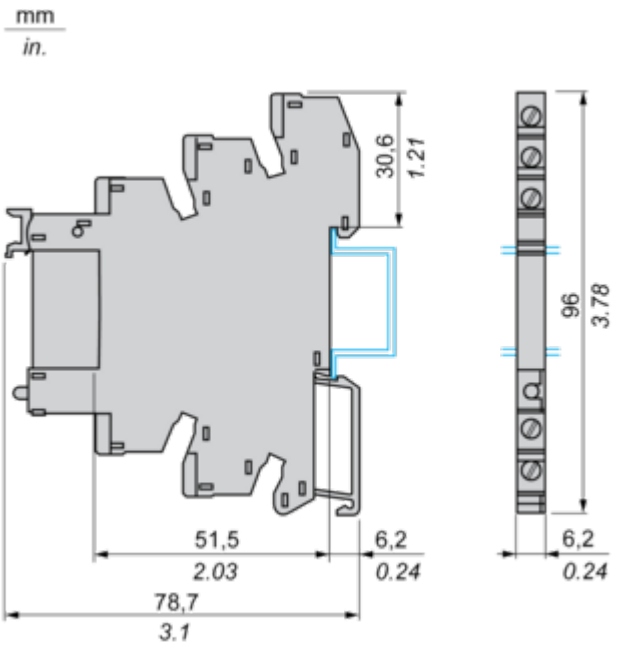
Well-being performance

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

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

Dimensions Drawings

Dimensions