Product data sheet

Specifications





slim interface relay, Harmony Electromechanical Relays, pre assembled, 6A, 1CO, with LED, spring terminals, 110V AC/DC

RSL1PRFU

Product availability: Stock - Normally stocked in distribution facility

Price*: 19.64 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	110 V DC	
[Ithe] Conventional Enclosed Thermal Current	6 A -40131 °F (-4055 °C)	
Status Led	With	
Shape Of Pin	Flat (PCB type)	

Complementary

Fixing Mode	Plastic compression spring
Average Resistance	20500 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)
[le] 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.

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	3.09 in (78.6 mm)	
Width	0.24 in (6.2 mm)	
Depth	3.98 in (101 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	e Threshold >= 0.05 Uc	
Contact Terminal Arrangement	Separate	
Connections - Terminals	Spring terminals, 1 x 0.21 x 1.5 mm² AWG 24AWG 16) flexible with cable end Spring terminals, 1 x 0.21 x 1.5 mm² AWG 24AWG 16) solid without cable end	
Safety Reliability Data	B10d = 60000	
Clamping Force	1040 N	
Control Type	Without push-button	
Mounting Support	35 mm symmetrical DIN rail	
Device Presentation	Complete product	

Environment

Input Voltage	110 V AC/DC 88126.5 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	CSA GOST UL	
Ambient Air Temperature For Storage	-40185 °F (-4085 °C)	
Vibration Resistance	10 gn +/- 1 mm 10150 Hz)10 cycles not operating IEC 60068-2-6 5 gn +/- 1 mm 10150 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	-40158 °F (-4070 °C)	

Ordering and shipping details

Category US10CP221127

Discount Schedule	hedule 0CP2 3606480077920	
Gtin		
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	1.06 oz (30 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	11.01 oz (312 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	21.10 lb(US) (9.573 kg)

Contractual warranty

Warranty 18 months



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

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

⊘	Reach Free Of Svhc
Ø	Toxic Heavy Metal Free
Ø	Mercury Free
②	Rohs Exemption Information Yes
⊘	Toxic Free
②	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

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Dimensions Drawings

Dimensions

