# Product data sheet

Specifications





slim interface relay, Harmony Electromechanical Relays, pre assembled, 6A, 1CO, with LED, screw connec to rs, 48V AC/DC

RSL1PVEU

Product availability: Non-Stock - Not normally stocked in distribution facility

#### Price\*: 18.18 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                    | 48 V AC/DC                              |
| [Ithe] Conventional Enclosed<br>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                        | 10600 Ohm DC 23 °C +/- 10 %                                   |
| [Ui] Rated Insulation Voltage             | 250 V IEC<br>277 V cUL  |
| [Uimp] Rated Impulse Withstand<br>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<br>150 W  |
| Minimum Switching Capacity                | 120 mW  |
| Operating Rate                            | <= 72000 cycles/hour no-load<br><= 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<br>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<br>(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 0.21 x 2.5 mm <sup>2</sup> AWG 24AWG 14) flexible with cable end<br>Screw connectors, 1 x 0.21 x 2.5 mm <sup>2</sup> AWG 24AWG 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                            | 48 V AC/DC 43.257.6 V)   |
|--|--|
| Dielectric Strength                      | 1000 V AC between contacts<br>4000 V AC between coil and contact   |
| Standards                                | CSA C22.2 No 14<br>UL 508<br>IEC 61810-1   |
| Product Certifications                   | GOST<br>CSA<br>UL  |
| Ambient Air Temperature For<br>Storage   | -40185 °F (-4085 °C)   |
| Vibration Resistance                     | 10 gn +/- 1 mm 10…150 Hz)10 cycles not operating IEC 60068-2-6<br>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<br>5 gn 11 ms) not operating IEC 60068-2-27   |
| Ambient Air Temperature For<br>Operation | -40131 °F (-4055 °C)   |

# Ordering and shipping details

| Category          | US10CP221127 |
|-------------------|--------------|
| Discount Schedule | 0CP2         |

| Gtin              | 3606480077845 |
|-------------------|---------------|
| Returnability     | No            |
| Country Of Origin | CN            |

# **Packing Units**

| V                            |                         |
|------------------------------|-------------------------|
| 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              | 3.11 in (7.9 cm)        |
| Package 1 Length             | 3.78 in (9.6 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             | 10.93 oz (310 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             | 21.71 lb(US) (9.848 kg) |
|                              |                         |

### **Contractual warranty**

Warranty

18 months

### Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass 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)<br>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

### Product data sheet

#### **Dimensions Drawings**

#### Dimensions

