# Product data sheet

Specifications

## Miniature Relay, Harmony 8501R, DPDT, 8 blades, coil, green, LED, 15A resistive at 120V AC, 1HP at 277V AC, 24V DC, 2NO + 2NC

8501RSD42P14V53

**Product availability: Stock - Normally stocked in distribution facility**

**Price*: 52.58 USD**

## Main

| | |
|---|---|
| **Product Range** | 8501R |
| **Product Type** | Miniature Relay |
| **Relay Type** | Standard |

## Complementary

| | |
|---|---|
| **Mounting Type** | Socket |
| **Contact Composition** | DPDT |
| **[Uc] Control Circuit Voltage** | 24 V DC |
| **Pilot Light** | Green indicator relay energised LED |
| **Manual Operator** | Without test button |
| **Horsepower Rating** | 0.5 120 V AC<br>1 277 V AC |
| **Breaking Capacity** | 3 A 120 V AC inductive control circuit UL 508<br>1.5 A 240 V AC inductive control circuit UL 508<br>15 A 120 V AC resistive control circuit UL 508<br>10 A 277 V AC resistive control circuit UL 508<br>15 A 28 V DC resistive control circuit UL 508 |
| **Maximum Switching Voltage** | 300 V AC<br>30 V DC |
| **Contact Material** | Silver alloy, gold flashed |
| **Operating Time** | 20 ms - pick-up<br>20 ms - drop-out |
| **Shape Of Pins** | Spade |
| **For Use With** | 8501NR42 |
| **Height** | 1.07 in (27.3 mm) |
| **Width** | 0.83 in (21 mm) |
| **Depth** | 1.65 in (41.8 mm) |

## Environment

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|---|---|
| **Ambient Temperature Range - Operational** | -40…131 °F (-40…55 °C) |
| **Product Certifications** | UL Listed<br>UL Recognized<br>CSA<br>CE |

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

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10CP221143 |
| **Discount Schedule** | 0CP2 |
| **Gtin** | 785901131397 |
| **Returnability** | Yes |
| **Country Of Origin** | US |

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 1.40 in (3.556 cm) |
| **Package 1 Width** | 2.00 in (5.08 cm) |
| **Package 1 Length** | 1.30 in (3.302 cm) |
| **Package 1 Weight** | 1.44 oz (40.823 g) |

## 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

| | |
|---|---|
| Rohs Exemption Information | Yes |

## 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 |
| **Circularity Profile** | No need of specific recycling operations |
| **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 |