# Product data sheet
## Characteristics

# 8501RSD41V53
Miniature Relay, Harmony 8501R, SPDT, 5 blades, coil, 1HP at 277V AC, 15A resistive at 120V AC, 24V DC, 1NO+ 1NC

## Main

| | |
|---|---|
| Product range | 8501R |
| Product type | Miniature Relay |
| Relay Type | Standard |

## Complementary

| | |
|---|---|
| Mounting type | Socket |
| Contact composition | SPDT |
| [Uc] control circuit voltage | 24 V DC |
| Pilot light | No indicator |
| 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 | 8501NR41 |
| Height | 1.07 in (27.3 mm) |
| Width | 0.55 in (14 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[RETURN]UL Recognized[RETURN]CSA[RETURN]CE |

## Ordering and shipping details

| | |
|---|---|
| Category | 21143-8501 R |
| Discount Schedule | CP2 |
| GTIN | 785901137054 |
| Returnability | Yes |
| Country of origin | CN |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.00 in (2.54 cm) |
| Package 1 Width | 1.30 in (3.302 cm) |
| Package 1 Length | 2.00 in (5.08 cm) |
| Package 1 Weight | 0.96 oz (27.216 g) |

## Offer Sustainability

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|---|---|
| Sustainable offer status | Green Premium product |
| 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 |
| REACh Regulation | REACh Declaration |
| REACh free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |

## Contractual warranty

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|---|---|
| Warranty | 18 months |