

Product data sheet

Characteristics

8501RS42V20

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



Main

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

Complementary

| | |
|------------------------------|---|
| Mounting type | Socket |
| Contact composition | DPDT |
| [Uc] control circuit voltage | 120 V AC |
| Pilot light | No indicator |
| Manual operator | Without test button |
| Horsepower rating | 0.5 120 V AC 1 277 V AC |
| Breaking capacity | 3 A 120 V AC inductive control circuit UL 508 1.5 A 240 V AC inductive control circuit UL 508 15 A 120 V AC resistive control circuit UL 508 10 A 277 V AC resistive control circuit UL 508 15 A 28 V DC resistive control circuit UL 508 |
| Maximum switching voltage | 300 V AC 30 V DC |
| Contact material | Silver alloy, gold flashed |
| Operating time | 20 ms - pick-up 20 ms - drop-out |
| Shape of pins | Spade |
| For use with | 8501NR42 |
| Height | 1.07 in (27.3 mm) |
| Width | 0.8 in (21 mm) |
| Depth | 1.6 in (41.8 mm) |

Environment

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|---|---|
| Ambient temperature range - operational | -40.0000002...55.0 °C (-40...131 °F) |
| Product certifications | UL Listed[RETURN]UL Recognized[RETURN]CSA[RETURN]CE |

Ordering and shipping details

| | |
|-------------------|--------------|
| Category | US10CP221143 |
| Discount Schedule | 0CP2 |
| GTIN | 785901131311 |
| Returnability | Yes |
| Country of origin | CN |

Packing Units

| | |
|------------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.300 in (3.302 cm) |
| Package 1 Width | 1.400 in (3.556 cm) |
| Package 1 Length | 2.0000000000 in (5.08 cm) |
| Package 1 Weight | 1.440 oz (40.823 g) |

Offer Sustainability

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|----------------------------|--|
| 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 |

Contractual warranty

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