

# Product data sheet

## Characteristics

# 8501RSD14V51

Plug in relay, Type R, miniature, 0.5 HP at 277 VAC, 8A resistive at 120 VAC, 14 blade, 4PDT, 4 NO, 4 NC, 12 VDC coil



### Main

|               |                 |
|---------------|-----------------|
| Product range | 8501R           |
| Product type  | Miniature Relay |
| Relay Type    | Low voltage     |

### Complementary

|                              |  |
|------------------------------|--|
| Mounting type                | Socket   |
| Contact composition          | 4PDT   |
| [Uc] control circuit voltage | 12 V DC  |
| Pilot light                  | No indicator   |
| Manual operator              | Without test button  |
| Horsepower rating            | 0.33 120 V AC<br>0.5 277 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>8 A 120 V AC resistive control circuit UL 508<br>6 A 277 V AC resistive control circuit UL 508<br>8 A 30 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                 | 8501NR45   |
| Height                       | 1.10 in (27.9 mm)  |
| Width                        | 0.83 in (21 mm)  |
| Depth                        | 1.63 in (41.5 mm)  |

### Environment

|   |   |
|---|---|
| Ambient temperature range - operational | -40...131 °F (-40...55 °C)                          |
| Product certifications                  | UL Listed[RETURN]CSA[RETURN]CE[RETURN]UL Recognized |

### Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | 21143-8501 R |
| Discount Schedule | CP2          |
| GTIN              | 785901559429 |
| Returnability     | No           |
| Country of origin | CN           |

## Packing Units

|                              |                        |
|------------------------------|------------------------|
| Unit Type of Package 1       | PCE                    |
| Number of Units in Package 1 | 1                      |
| Package 1 Height             | 1.90 in (4.826 cm)     |
| Package 1 Width              | 1.90 in (4.826 cm)     |
| Package 1 Length             | 3.10 in (7.874 cm)     |
| Package 1 Weight             | 1.28 oz (36.287 g)     |
| Unit Type of Package 2       | CAR                    |
| Number of Units in Package 2 | 25                     |
| Package 2 Height             | 3.80 in (9.652 cm)     |
| Package 2 Width              | 8.20 in (20.828 cm)    |
| Package 2 Length             | 11.30 in (28.702 cm)   |
| Package 2 Weight             | 2.82 lb(US) (1.279 kg) |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>  |
| REACH free of SVHC         | Yes  |
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>   |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>   |
| RoHS exemption information | <a href="#">Yes</a>  |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>  |
| Circularity Profile        | No need of specific recycling operations   |

## Contractual warranty

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