

# Product data sheet

Specifications



Relay, Type R, plug in, miniature, 1HP at 277VAC, 15A resistive at 120VAC, 14 blade, 4PDT, 4NO, 4NC, 24VDC coil

8501RSD44V53

Product availability: Stock - Normally stocked in distribution facility

## Main

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

## Complementary

|                              |                                                                                                                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| mounting type                | Socket                                                                                                                                                                                                                                                  |
| contact composition          | 4PDT                                                                                                                                                                                                                                                    |
| [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>10 A 120 V AC resistive control circuit UL 508<br>6.67 A 277 V AC resistive control circuit UL 508<br>10 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                 | 8501NR34                                                                                                                                                                                                                                                |
| Height                       | 1.07 in (27.3 mm)                                                                                                                                                                                                                                       |
| Width                        | 1.6 in (40.6 mm)                                                                                                                                                                                                                                        |
| Depth                        | 1.6 in (41.8 mm)                                                                                                                                                                                                                                        |

## Environment

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| ambient temperature range - operational | -40...55 °C (-40...131 °F)              |
| product certifications                  | UL Listed<br>UL Recognized<br>CSA<br>CE |

## Ordering and shipping details

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

|                   |              |
|-------------------|--------------|
| Category          | US10CP221143 |
| Discount Schedule | 0CP2         |
| GTIN              | 785901137238 |
| Returnability     | Yes          |
| Country of origin | CN           |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Nbr. of units in pkg.  | 1                   |
| Package 1 Height       | 1.30 in (3.302 cm)  |
| Package 1 Width        | 1.70 in (4.318 cm)  |
| Package 1 Length       | 1.90 in (4.826 cm)  |
| Package weight(Lbs)    | 2.416 oz (68.492 g) |

## Contractual warranty

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

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained](#) >

[How we assess product sustainability](#) >

Use Better

|  Materials and Substances |                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard                                                                     | No                                                                                                                                                                                                                                                                                                                                                                     |
| Packaging without single use plastic                                                                       | No                                                                                                                                                                                                                                                                                                                                                                     |
| <a href="#">EU RoHS Directive</a>                                                                          | Pro-active compliance (Product out of EU RoHS legal scope)                                                                                                                                                                                                                                                                                                             |
| REACH Regulation                                                                                           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                                                      |
| 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> |

Use Again

|  Repack and remanufacture |    |
|--------------------------------------------------------------------------------------------------------------|----|
| Take-back                                                                                                    | No |