

Product data sheet

Characteristics

8501RS41P14V20

Plug in relay, Type R, miniature, 1 HP at 277 VAC, 15A resistive at 120 VAC, 5 blade, SPDT, 1 NO, 1 NC, 120 VAC coil



Main

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

Complementary

|                              |                                                                                                                                                                                                                                                       |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mounting type                | Socket                                                                                                                                                                                                                                                |
| Contact composition          | SPDT                                                                                                                                                                                                                                                  |
| [Uc] control circuit voltage | 120 V AC                                                                                                                                                                                                                                              |
| 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                 | 8501NR41                                                                                                                                                                                                                                              |
| Height                       | 1.07 in (27.3 mm)                                                                                                                                                                                                                                     |
| Width                        | 0.6 in (14 mm)                                                                                                                                                                                                                                        |
| Depth                        | 1.6 in (41.8 mm)                                                                                                                                                                                                                                      |

Environment

|                                         |                                                     |
|-----------------------------------------|-----------------------------------------------------|
| 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 | OCP2         |
| GTIN              | 785901218487 |
| Returnability     | Yes          |
| Country of origin | CN           |

## Packing Units

|                              |                 |
|------------------------------|-----------------|
| Unit Type of Package 1       | PCE             |
| Number of Units in Package 1 | 1               |
| Package 1 Height             | 1.2 in (3.0 cm) |
| Package 1 Width              | 1.4 in (3.5 cm) |
| Package 1 Length             | 2.2 in (5.5 cm) |
| Package 1 Weight             | 1.0 oz (28.0 g) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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>                                                                                                                                                                                                                                                                                                                                                    |

## Contractual warranty

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