

Product availability: Stock - Normally stocked in distribution facility



## 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 at 120 V AC<br>0.5 at 277 V AC                                                                                                                                                                                                                                                             |
| Breaking capacity            | 3 A at 120 V AC - inductive control circuit per UL 508<br>1.5 A at 240 V AC - inductive control circuit per UL 508<br>8 A at 120 V AC - resistive control circuit per UL 508<br>6 A at 277 V AC - resistive control circuit per UL 508<br>8 A at 30 V DC - resistive control circuit per UL 508 |
| Maximum switching voltage    | 300 V at AC<br>30 V at 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                       | 27.9 mm                                                                                                                                                                                                                                                                                         |
| Width                        | 0.83 in (21 mm)                                                                                                                                                                                                                                                                                 |
| Depth                        | 1.63 in (41.5 mm)                                                                                                                                                                                                                                                                               |

## Environment

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| Ambient temperature range - operational | -40...131 °F                            |
| Product certifications                  | CE<br>CSA<br>UL listed<br>UL recognized |

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. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

|                       |                       |
|-----------------------|-----------------------|
| Category              | 21143 - 8501 R        |
| Discount Schedule     | CP2                   |
| GTIN                  | 00785901559429        |
| Nbr. of units in pkg. | 1                     |
| Package weight(Lbs)   | 8.0000000000000002E-2 |
| Returnability         | Y                     |
| Country of origin     | CN                    |

## Offer Sustainability

|                                  |                                                                                                                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status         | Green Premium product                                                                                                                                                                                  |
| RoHS (date code: YYWW)           | Compliant - since 1347 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity |
| REACH                            | Reference not containing SVHC above the threshold                                                                                                                                                      |
| Product environmental profile    | Available                                                                                                                                                                                              |
| Product end of life instructions | Need no specific recycling operations                                                                                                                                                                  |
| California proposition 65        | WARNING: This product can expose you to chemicals including:                                                                                                                                           |
| - - - - - Substance 1            | Nickel compounds, which is known to the State of California to cause cancer, and                                                                                                                       |
| - - - - - Substance 2            | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm.                                                                             |
| - - - - - More information       | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                                                                                                          |

## Contractual warranty

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

# Mouser Electronics

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