

# Product data sheet

Specifications

SQUARE D



Plug in relay, Type KU, blade, 0.5 HP at 240 VAC, 10A resistive at 120 VAC, 8 blade, DPDT, 2 NO, 2 NC, 24 VDC coil

8501KUDR12V53

⚠ To be discontinued

⚠ Discontinued on: Aug 15, 2024

Product availability: Stock - Normally stocked in distribution facility

## Main

|                              |                 |
|------------------------------|-----------------|
| product range                | 8501K           |
| product type                 | Relay           |
| Relay Type                   | General purpose |
| mounting type                | Socket          |
| contact composition          | DPDT            |
| [Uc] control circuit voltage | 24 V DC         |
| pilot light                  | No indicator    |

## Complementary

|                           |                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| horsepower rating         | 1 hp 277 V AC<br>0.33 hp 120 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 277 V AC resistive control circuit UL 508<br>10 A 30 V DC resistive control circuit UL 508 |
| maximum switching voltage | 300 V AC<br>30 V DC                                                                                                                                                                                 |
| contact material          | Silver alloy (AgNi)                                                                                                                                                                                 |
| operating time            | 20 ms - pick-up<br>20 ms - drop-out                                                                                                                                                                 |
| shape of pins             | Spade                                                                                                                                                                                               |
| for use with              | 8501NR82                                                                                                                                                                                            |

## Environment

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| ambient temperature range - operational | -40...55 °C (-40...131 °F)              |
| product certifications                  | UL Listed<br>UL Recognized<br>CSA<br>CE |
| Height                                  | 2.25 in (57.15 mm)                      |
| Width                                   | 1.37 in (34.80 mm)                      |
| Depth                                   | 1.4 in (35.6 mm)                        |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US10CP221144 |
| Discount Schedule | 0CP2         |
| GTIN              | 785901179689 |
| Returnability     | Yes          |
| Country of origin | CN           |

## Packing Units

|                        |                     |
|------------------------|---------------------|
| Unit Type of Package 1 | PCE                 |
| Nbr. of units in pkg.  | 1                   |
| Package 1 Height       | 1.50 in (3.81 cm)   |
| Package 1 Width        | 1.50 in (3.81 cm)   |
| Package 1 Length       | 2.80 in (7.112 cm)  |
| Package weight(Lbs)    | 3.040 oz (86.183 g) |

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 >](#)

|  Environmental footprint |    |
|-----------------------------------------------------------------------------------------------------------|----|
| Carbon footprint (kg CO2 eq, Total Life cycle)                                                            | 23 |

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 |                                          |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Circularity Profile                                                                                          | No need of specific recycling operations |
| Take-back                                                                                                    | No                                       |