

# Product data sheet

Specifications



Plug in relay, Type KP, tubular, 1 HP at 277 VAC, 10A resistive at 120 VAC, 8 pin, DPDT, 2 NO, 2 NC, 120 VAC coil

8501KPR12V20

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 | 120 V AC            |
| pilot light                  | No indicator        |
| manual operator              | Without test button |

## 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             | Tubular                                                                                                                                                                                             |
| for use with              | 8501NR52<br>8501NR51                                                                                                                                                                                |

## Environment

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| ambient temperature range - operational | -40...131 °F (-40...55 °C)              |
| product certifications                  | UL Listed<br>UL Recognized<br>CSA<br>CE |
| Height                                  | 2.66 in (67.56 mm)                      |
| Width                                   | 1.4 in (35.6 mm)                        |
| Depth                                   | 1.4 in (35.6 mm)                        |

## 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          | US10CP221141 |
| Discount Schedule | 0CP2         |
| GTIN              | 785901147329 |
| Returnability     | Yes          |
| Country of origin | CN           |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Nbr. of units in pkg.        | 1                        |
| Package 1 Height             | 1.700 in (4.318 cm)      |
| Package 1 Width              | 1.700 in (4.318 cm)      |
| Package 1 Length             | 3.00 in (7.62 cm)        |
| Package weight(Lbs)          | 4.800 oz (136.078 g)     |
| Unit Type of Package 2       | PAL                      |
| Number of Units in Package 2 | 75                       |
| Package 2 Height             | 40.0 in (101.6 cm)       |
| Package 2 Width              | 36.00 in (91.44 cm)      |
| Package 2 Length             | 48.00 in (121.92 cm)     |
| Package 2 Weight             | 15.750 lb(US) (7.144 kg) |
| Unit Type of Package 3       | CAR                      |
| Number of Units in Package 3 | 120                      |
| Package 3 Height             | 6.300 in (16.002 cm)     |
| Package 3 Width              | 6.00 in (15.24 cm)       |
| Package 3 Length             | 15.600 in (39.624 cm)    |
| Package 3 Weight             | 9.850 lb(US) (4.468 kg)  |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## 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

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 26 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.9 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 25 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.2 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                                                                                                                                                                                                                                                                                                            |
| Packaging without single use plastic   | No                                                                                                                                                                                                                                                                                                                                                                            |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                                                                                                                                     |
| REACH Regulation                       | <a href="#">Free of Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                                                                                                                   |
| California proposition 65              | <b>WARNING:</b> 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 Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again

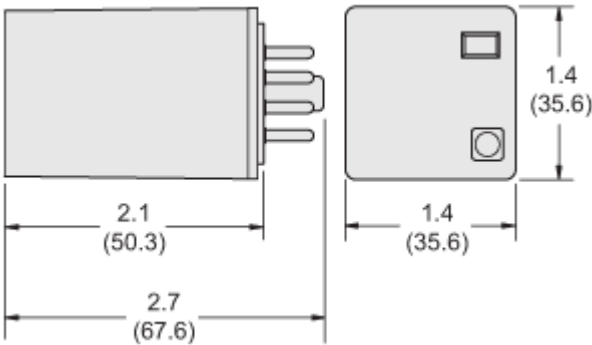


### Repack and remanufacture

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Recyclability potential, in % | 70                                      |
| Circularity Profile           | <a href="#">End of Life Information</a> |
| Take-back                     | No                                      |

Dimensions Drawings

Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams

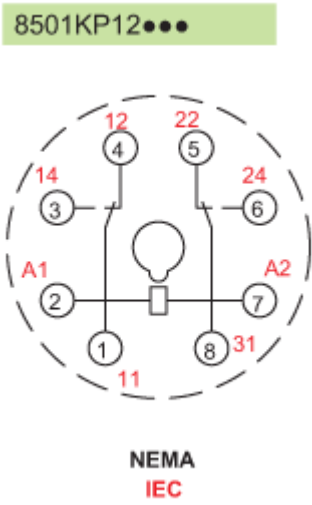


Image of product / Alternate images

### Alternative



