# Product data sheet

Specifications



## Relay, Harmony 8501K, 3PDT, 11 blades, coil, 10A resistive at 120V AC, 0.5 HP at 240V AC, 120V AC, 3NO + 3NC

8501KUR13V20

**Product availability: Stock - Normally stocked in distribution facility**

## Main

| | |
|---|---|
| **product range** | 8501K |
| **product type** | Relay |
| **Relay Type** | General purpose |
| **mounting type** | Socket |
| **contact composition** | 3PDT |
| **[Uc] control circuit voltage** | 120 V AC |
| **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…131 °F (-40…55 °C) |
| **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) |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US10CP221144 |

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

| | |
|---|---|
| **Discount Schedule** | 0CP2 |
| **GTIN** | 785901978831 |
| **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)** | 3.200 oz (90.718 g) |

## 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 | **25 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.6 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] | **0.1 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **No** |
| Packaging without single use plastic | **No** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Free of Substances of Very High Concern above the threshold** |
| 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 www.P65Warnings.ca.gov** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **70** |
| Circularity Profile | **End of Life Information** |
| Take-back | **No** |

Image of product / Alternate images

**Alternative**







1-12
2-32
3-22
4-14
5-34
6-24
7-11
8-31
9-21
A-A1
B-A2
NEMA-IEC
VIEWED FROM PIN END

