

# Product data sheet

Specifications

SQUARE D



Plug in relay, Type KF, flange mounted, 1 HP at 277 VAC, 10A resistive at 277 VAC, 3PDT, 3 NO, 3 NC, 24 VAC coil

8501KFR13V14

Product availability: Non-Stock - Not normally stocked in distribution facility

## Main

|                              |                     |
|------------------------------|---------------------|
| product range                | 8501K               |
| product type                 | Relay               |
| Relay Type                   | General purpose     |
| mounting type                | Flange              |
| contact composition          | 3PDT                |
| [Uc] control circuit voltage | 24 V AC             |
| manual operator              | Without test button |

## Complementary

|                           |                                     |
|---------------------------|-------------------------------------|
| horsepower rating         | 1 hp 277 V AC                       |
| 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                               |

## Environment

|                                         |                            |
|-----------------------------------------|----------------------------|
| ambient temperature range - operational | -40...131 °F (-40...55 °C) |
| product certifications                  | UL Recognized<br>CSA<br>CE |
| Height                                  | 2.75 in (69.85 mm)         |
| Width                                   | 1.4 in (35.6 mm)           |
| Depth                                   | 1.4 in (35.6 mm)           |

## Ordering and shipping details

|                   |              |
|-------------------|--------------|
| Category          | US10CP221145 |
| Discount Schedule | 0CP2         |
| GTIN              | 785901304333 |
| Returnability     | Yes          |

## Packing Units

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

|                        |                     |
|------------------------|---------------------|
| 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)    | 3.040 oz (86.183 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                                                                          | 24 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]                                                        | 23 kg CO2 eq.  |
| Carbon footprint of the end-of-life phase [C1 to C4]                                                      | 0.1 kg CO2 eq. |

Use Better

|  Materials and Substances |                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive                                                                                          | <a href="#">Compliant</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                                                                                          | No need of specific recycling operations |