

Product data sheet

Characteristics

8501KPDR12P14V53

Relay, Harmony 8501K, DPDT, 8 pins, LED, coil, 24V DC, 10A resistive at 120V AC, 1 HP at 277V AC, 2NO + 2NC



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 | Indicator light relay energised LED |
| Manual operator | Without test button |

Complementary

| | |
|---------------------------|---|
| Horsepower rating | 1 Hp 277 V AC 0.33 hp 120 V AC |
| Breaking capacity | 3 A 120 V AC inductive control circuit UL 508 1.5 A 240 V AC inductive control circuit UL 508 10 A 277 V AC resistive control circuit UL 508 10 A 30 V DC resistive control circuit UL 508 |
| Maximum switching voltage | 300 V AC 30 V DC |
| Contact material | Silver alloy (AgNi) |
| Operating time | 20 ms - pick-up 20 ms - drop-out |
| Shape of pins | Tubular |
| For use with | 8501NR52 8501NR51 |

Environment

| | |
|---|---|
| Ambient temperature range - operational | -40.0000002...55.0 °C (-40...131 °F) |
| Product certifications | UL Listed[RETURN]UL Recognized[RETURN]CSA[RETURN]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

| | |
|-------------------|--------------|
| Category | US10CP221141 |
| Discount Schedule | OCP2 |
| GTIN | 785901348894 |
| Returnability | Yes |
| Country of origin | US |

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.

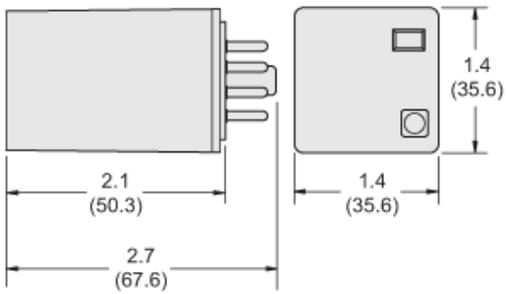
Packing Units

| | |
|------------------------------|---------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.700 in (4.318 cm) |
| Package 1 Width | 1.700 in (4.318 cm) |
| Package 1 Length | 2.700 in (6.858 cm) |
| Package 1 Weight | 3.200 oz (90.718 g) |

Offer Sustainability

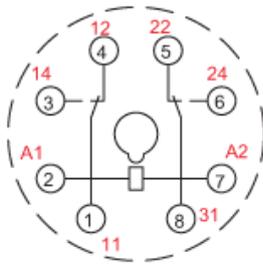
| | |
|----------------------------|--|
| Sustainable offer status | Green Premium product |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |

Approximate Dimensions



Connections and Wiring Diagrams

8501KP12●●●



NEMA
IEC