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, 12 VDC coil

8501KPDR12V51

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	12 V DC
pilot light	No indicator
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…131 °F (-40…55 °C)
product certifications	UL Listed UL Recognized CSA 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	785901981046
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	2.800 in (7.112 cm)
Package weight(Lbs)	3.360 oz (95.254 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	**23 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]	**22 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**

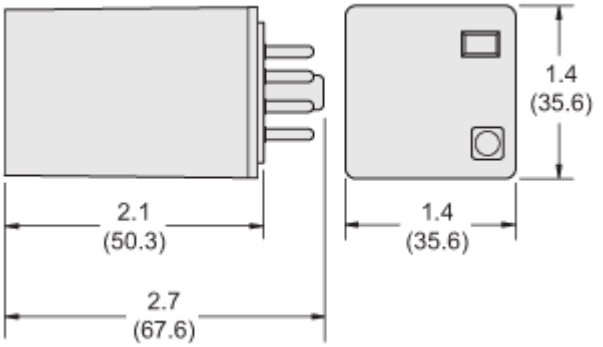
Use Again

Repack and remanufacture

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

Dimensions Drawings

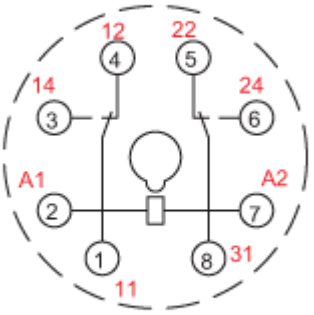
Approximate Dimensions



Connections and Schema

Connections and Wiring Diagrams

8501KP12●●●



NEMA
IEC