Product data sheet

Specifications



Miniature Relay, Harmony 8501R, low voltage, hermetically sealed, 4PDT, 14 blades, 8A at 120V AC, coil, 0.5HP at 277V AC, 120V AC, 4NO+ 4NC

8501RS14V20

Product availability: Stock - Normally stocked in distribution facility

Main

product range	8501R
product type	Miniature Relay
Relay Type	Low voltage

Complementary

mounting type	Socket
contact composition	4PDT
[Uc] control circuit voltage	120 V AC
pilot light	No indicator
manual operator	Without test button
horsepower rating	0.33 120 V AC 0.5 277 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 8 A 120 V AC resistive control circuit UL 508 6 A 277 V AC resistive control circuit UL 508 8 A 30 V DC resistive control circuit UL 508
maximum switching voltage	300 V AC 30 V DC
contact material	Silver alloy, gold flashed
operating time	20 ms - pick-up 20 ms - drop-out
shape of pins	Spade
for use with	8501NR45
Height	1.10 in (27.9 mm)
Width	0.8 in (21 mm)
Depth	1.6 in (41.5 mm)

Environment

ambient temperature range - operational	-40…131 °F (-40…55 °C)
product certifications	UL Listed UL Recognized CSA CE

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

Ordering and shipping details

Category	US10CP221143
Discount Schedule	0CP2
GTIN	785901559290
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.300 in (3.302 cm)
Package 1 Width	1.400 in (3.556 cm)
Package 1 Length	2.00 in (5.08 cm)
Package weight(Lbs)	1.280 oz (36.287 g)
Unit Type of Package 2	PAL
Number of Units in Package 2	3200
Package 2 Height	40.0 in (101.6 cm)
Package 2 Width	40.0 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)
Package 2 Weight	306.000 lb(US) (138.799 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	**177 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.2 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]	**177 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








SQUARE D
by Schneider Electric
8501RS14V20
SER. D
COIL:
120 V 50/60 HZ
1 (12)
2 (22)
3 (32)
4 (42)
5 (14)
6 (24)
7 (34)
8 (44)
10 (21)
11 (31)
NEMA(IEC)
MADE IN CHINA