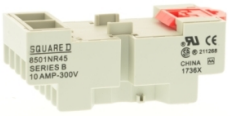
Product data sheet

Specifications



Relay Socket, Harmony 8501R, 14 blades, double tiered screw clamp terminals, DIN rail/panel mount, 10A, 300V AC

8501NR45B

To be discontinued

To be discontinued on: Dec 31, 2026

Product availability: Stock - Normally stocked in distribution facility

Main

[In] rated current	10 A 300 V AC

Complementary

mounting type	DIN rail Panel
electrical connection	Double tiered screw clamp terminals
package quantity	Set of 10
Width	1.2 in (30.7 mm)
Height	2.7 in (69 mm)
Depth	1.0 in (25.4 mm)

Ordering and shipping details

Category	US10CP221142
Discount Schedule	0CP2
GTIN	00785901006015
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.00 in (2.54 cm)
Package 1 Width	1.200 in (3.048 cm)
Package 1 Length	2.800 in (7.112 cm)
Package weight(Lbs)	1.440 oz (40.823 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	10
Package 2 Height	2.100 in (5.334 cm)
Package 2 Width	2.800 in (7.112 cm)
Package 2 Length	6.300 in (16.002 cm)

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

Package 2 Weight	15.840 oz (449.056 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	**0.3 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**0.3 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]	**0 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 Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

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

Image of product / Alternate images

Alternative

