Product data sheet

Specifications



Miniature Relay, Harmony 8501R, DPDT, 8 blades, coil, 15A resistive at 120V AC, 1HP at 277V AC, 120V AC, 2NO+ 2NC

8501RS42V20

Product availability: Stock - Normally stocked in distribution facility

Main

product range	8501R
product type	Miniature Relay
Relay Type	Standard

Complementary

mounting type	Socket
contact composition	DPDT
[Uc] control circuit voltage	120 V AC
pilot light	No indicator
manual operator	Without test button
horsepower rating	0.5 120 V AC 1 277 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 15 A 120 V AC resistive control circuit UL 508 10 A 277 V AC resistive control circuit UL 508 15 A 28 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	8501NR42
Height	1.07 in (27.3 mm)
Width	0.8 in (21 mm)
Depth	1.6 in (41.8 mm)

Environment

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

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	US10CP221143
Discount Schedule	0CP2
GTIN	785901131311
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)	1.440 oz (40.823 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

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

Circularity Profile	End of Life Information
Take-back	No

Image of product / Alternate images

Alternative


CSA RATINGS
(RES) 15 A, 150 VAC
(RES) 10 A, 277 VAC
(RES) 15 A, 28 VDC
1/2 HP, 120 VAC
1 HP, 277 VAC
B300 PILOT DUTY


UL RATINGS
(RES) 15 A, 277 VAC
(RES) 15 A, 28 VDC
1/2 HP, 120 VAC
1 HP, 277 VAC
B300 PILOT DUTY


SQUARE D
by Schneider Electric
SER. D
COIL:
NEMA (IEC)
MADE IN CHINA