

Product data sheet

Specifications



Plug in relay, Type R, miniature, 0.167 HP at 120 VAC, 3A resistive at 277 VAC, 14 blade, 4PDT, 4 NO, 4 NC, 120 VAC coil

8501RS24V20

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	0.167 120 V AC
breaking capacity	0.5 A 120 V AC inductive control circuit UL 508 3 A 120 V AC resistive control circuit UL 508 3 A 277 V AC resistive control circuit UL 508 3 A 30 V DC resistive control circuit UL 508
maximum switching voltage	300 V AC 30 V DC
contact material	Gold plated bifurcated silver
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

Ordering and shipping details

Category	US10CP221143
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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

Discount Schedule	0CP2
GTIN	785901031840
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	1.50 in (3.81 cm)
Package 1 Length	2.100 in (5.334 cm)
Package weight(Lbs)	1.280 oz (36.287 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	25
Package 2 Height	3.600 in (9.144 cm)
Package 2 Width	8.100 in (20.574 cm)
Package 2 Length	11.100 in (28.194 cm)
Package 2 Weight	2.599 lb(US) (1.179 kg)

Contractual warranty

Warranty (in months)	18
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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