

Product data sheet

Specifications

SQUARE D



Plug in relay, Type R, miniature, 1 HP at 277 VAC, 15A resistive at 120 VAC, 8 blade, DPDT, 2 NO, 2 NC, 24 VDC coil

8501RSD42V53

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 24 V DC

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...55 °C (-40...131 °F)

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.

Category	US10CP221143
Discount Schedule	OCP2
GTIN	785901131366
Returnability	Yes
Country of origin	CN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.40 in (3.556 cm)
Package 1 Width	1.30 in (3.302 cm)
Package 1 Length	2.00 in (5.08 cm)
Package weight(Lbs)	1.440 oz (40.823 g)

Contractual warranty

Warranty	18 months
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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 >](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACH Regulation	REACH Declaration
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

Take-back	No
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Image of product / Alternate images

Alternative



