

Product data sheet

Specifications

SQUARE D

Green Premium™



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

8501RS42P14V20

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	Green indicator relay energised LED
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	0.83 in (21 mm)
Depth	1.65 in (41.8 mm)

Environment

Ambient temperature range - operational	-40...131 °F (-40...55 °C)
Product certifications	UL listed UL recognized CSA CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.44 oz (40.823 g)
Package 1 Height	1.30 in (3.302 cm)
Package 1 width	1.40 in (3.556 cm)
Package 1 Length	2.00 in (5.08 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile

Contractual warranty

Warranty	18 months
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