

Product data sheet

Specifications

SQUARE D



NEMA Contactor, Type S, nonreversing, Size 2, 45A, 7.5HP at 230VAC, 1 phase, up to 100kA, 2 pole, 120VAC coil, open [TAA]

8502SDO1V02S

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Product Type	Contactors
Product Range	8502S
Contactors Type	Non-reversing

Complementary

NEMA Size	2
Rated Current	45 A
Number of Poles	2P
Maximum Voltage Rating	600 V AC
Phase	1 phase
Horsepower Rating	7.5 HP 230 V AC 3 HP 115 V AC
SCCR	Circuit-breaker 100 A maximum, SCCR: 100 kA at 480 V AC Fuse J 100 A maximum, SCCR: 100 kA at 600 V AC Fuse T 100 A maximum, SCCR: 100 kA at 600 V AC Fuse RK1 100 A maximum, SCCR: 100 kA at 600 V AC Fuse RK5 100 A maximum, SCCR: 100 kA at 600 V AC
Coil Voltage	120 V AC 60 Hz 110 V AC 50 Hz
Control Circuit Type	Separate control circuit
Control Units	No control units
Pilot Light	No indicator
Auxiliary Contacts	Without
Other Equipment	Fuse not supplied
Terminal Type	Screw clamp terminals
Height	5.13 in (130.30 mm)
Width	4.31 in (109.47 mm)
Depth	4.94 in (125.48 mm)

Environmental

Enclosure Type	Not rated (open device)
Certifications	UL listed file E78351 CCN NLDX CSA

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	US10CP121192
Discount Schedule	0CP1
GTIN	785901774037
Returnability	No
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.900 in (17.526 cm)
Package 1 Width	6.50 in (16.51 cm)
Package 1 Length	9.300 in (23.622 cm)
Package weight(Lbs)	5.560 lb(US) (2.522 kg)

Compliance

Compliance	TAA Compliant
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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

Total lifecycle Carbon footprint	928 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	15 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.7 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.5 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	908 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	7e223020-2027-46b1-9a6e-d82ea56b9f49
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer




Lifetime extension

Repair	No
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Use Again

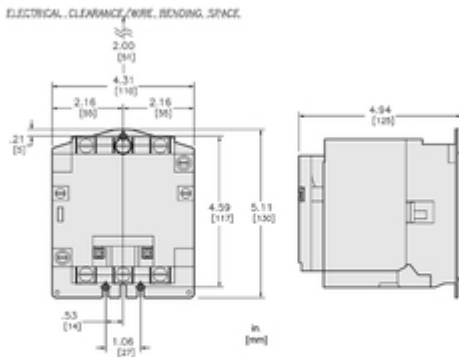


Repack and remanufacture

Recyclability potential, in %	54
Circularity Profile	No need of specific recycling operations
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions



ALL DIMENSIONS ARE APPROXIMATE.
ALSO SEE TECHNICAL DRAWINGS AND DOCUMENTATION.