Product data sheet

Specifications



NEMA Contactor, Type S, nonreversing, Size 0, 18A, 2HP at 230VAC, 1 phase, up to 100kA, 2 pole, 120VAC coil, open [TAA]

8502SBO1V02S

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

Main

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

Complementary

NEMA Size	0
Rated Current	18 A
Number of Poles	2P
Maximum Voltage Rating	600 V AC
Phase	1 phase
Horsepower Rating	1 HP 115 V AC 2 HP 230 V AC
SCCR	Circuit-breaker 70 A maximum, SCCR: 100 kA at 480 V AC Fuse J 60 A maximum, SCCR: 100 kA at 600 V AC Fuse T 60 A maximum, SCCR: 100 kA at 600 V AC Fuse RK1 60 A maximum, SCCR: 100 kA at 600 V AC Fuse RK5 60 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	4.34 in (110.24 mm)
Width	3.22 in (81.79 mm)
Depth	4.22 in (107.19 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.

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	US10CP121191
Discount Schedule	0CP1
GTIN	785901761518
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.50 in (11.43 cm)
Package 1 Width	5.800 in (14.732 cm)
Package 1 Length	8.00 in (20.32 cm)
Package weight(Lbs)	3.179 lb(US) (1.442 kg)

Compliance

Compliance	TAA Compliant

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

Total lifecycle Carbon footprint	**357 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**9 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.4 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.3 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**345 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**3 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**

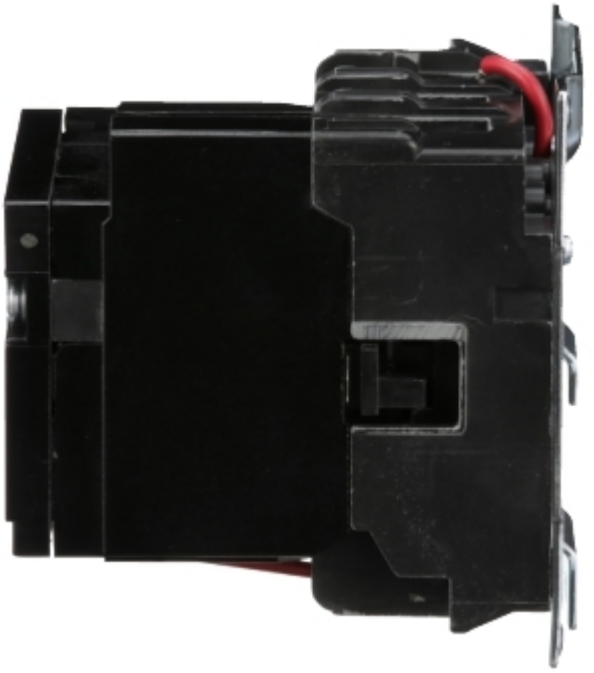
Use Again

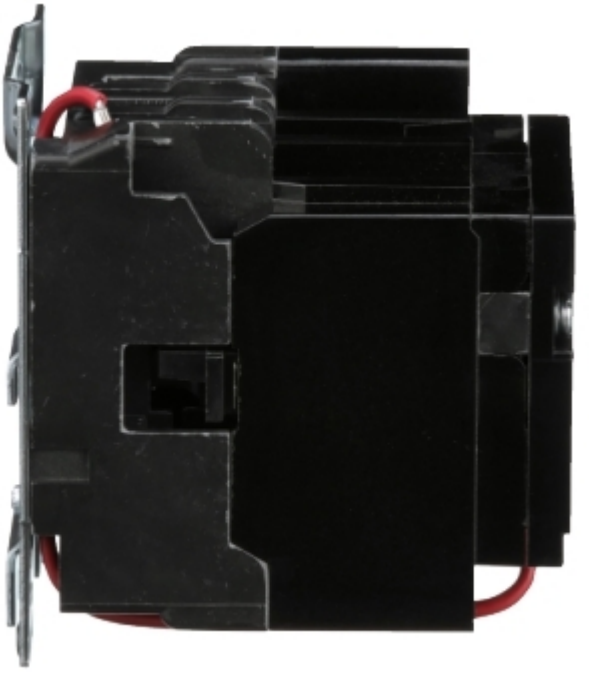
Repack and remanufacture

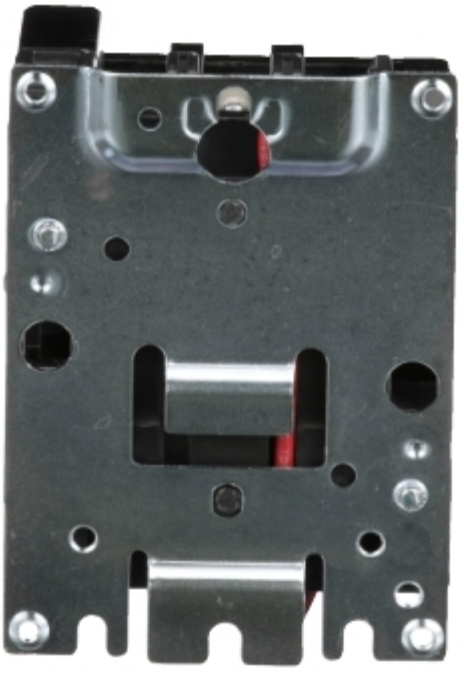
Recyclability potential, in %	**54**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Image of product / Alternate images

Alternative








3
1&L1
L2
NEMA SIZE TAMAÑO TAILLE 0
8502SBO1S
SER. A
HP/kW MAX. 1~
115 V~ 60 Hz 1 HP/0.75 kW
230 V~ 60 Hz 2 HP/1.5 kW
600V~ MAX 50-60 Hz 24
31041-400-42
120V 60HZ
110V 50HZ
X2