

# Product data sheet

Specifications

SQUARE D



NEMA Contactor, Type S, nonreversing, Size 2, 45A, 25 HP at 575 VAC, 3 phase, up to 100 kA, 3 pole, 120VAC coil, NEMA 12

8502SDA2V81CF4T

Discontinued

## Main

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

## Complementary

|                        |                                                                                                                                                                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nema Size              | 2                                                                                                                                                                                                                                                                   |
| Rated Current          | 45 A                                                                                                                                                                                                                                                                |
| Number Of Poles        | 3P                                                                                                                                                                                                                                                                  |
| Maximum Voltage Rating | 600 V AC                                                                                                                                                                                                                                                            |
| Phase                  | 3 phase                                                                                                                                                                                                                                                             |
| Horsepower Rating      | 10 HP 200 V AC<br>15 HP 230 V AC<br>25 HP 460 V AC<br>25 HP 575 V AC                                                                                                                                                                                                |
| Sccr                   | Circuit-breaker 100 A maximum, SCCR: 100 kA at 480 V AC<br>Fuse J 100 A maximum, SCCR: 100 kA at 600 V AC<br>Fuse T 100 A maximum, SCCR: 100 kA at 600 V AC<br>Fuse RK1 100 A maximum, SCCR: 100 kA at 600 V AC<br>Fuse RK5 100 A maximum, SCCR: 100 kA at 600 V AC |
| Coil Voltage           | 480 V (primary), 120 V (secondary) AC 60 Hz                                                                                                                                                                                                                         |
| Control Circuit Type   | Control circuit transformer                                                                                                                                                                                                                                         |
| Control Units          | Selector switch (HAND-OFF-AUTO)                                                                                                                                                                                                                                     |
| Pilot Light            | No indicator                                                                                                                                                                                                                                                        |
| Auxiliary Contacts     | Without                                                                                                                                                                                                                                                             |
| Other Equipment        | 2 fuses (primary)                                                                                                                                                                                                                                                   |
| Terminal Type          | Screw clamp terminals                                                                                                                                                                                                                                               |
| Height                 | 15.98 in (406 mm)                                                                                                                                                                                                                                                   |
| Width                  | 14.88 in (378 mm)                                                                                                                                                                                                                                                   |
| Depth                  | 8.15 in (207 mm)                                                                                                                                                                                                                                                    |

## Environmental

|                |                                       |
|----------------|---------------------------------------|
| Enclosure Type | NEMA 12 painted sheet steel           |
| Certifications | UL listed file E78351 CCN NLDX<br>CSA |

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

## Ordering and shipping details

|                   |                                  |
|-------------------|----------------------------------|
| Category          | 21192-8502,36 SC,SD(NOT S*R,T,W) |
| Discount Schedule | CP1                              |
| Returnability     | No                               |
| Country Of Origin | MX                               |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type Of Package 1       | PCE                      |
| Number Of Units In Package 1 | 1                        |
| Package 1 Weight             | 25.37 lb(US) (11.508 kg) |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|