

Product data sheet

Specifications

SQUARE D



Circuit breaker enclosure, QO, 1 phase, 2 spaces, 100A, NEMA3R, UL

QO2100BNRB

⚠ To be discontinued on: Jan 16, 2026

⚠ To be discontinued

Product availability: Stock - Normally stocked in distribution facility

Main

Product Type Enclosure

Range of Product QO

Complementary

Current Rating 100 A

Interrupt Rating 22 kA

Number of Spaces 2

Maximum Number of Single Pole Circuits 2

Maximum Number of Tandem Breakers 0

Number of Phases 1 phase

Enclosure Rating NEMA 3R outdoor

Breaker Compatibility Circuit breaker QO 2P

Product Certifications UL Listed

Wiring Configuration 3-wire

Electrical Connection Lugs

Wire Size AWG 14...AWG 1 copper

Surface Finish Baked enamel Gray

Busbar Material Tin plated copper: busbar

Tightening Torque 35 lb.in, AWG 14...AWG 10, copper
35 lb.in, AWG 12...AWG10, aluminium
40 lb.in, AWG 8...AWG 4, aluminium/copper
50 lb.in, AWG 3...AWG 2, aluminium/copper
Main lugs 50 lb.in, AWG 3...AWG 1, aluminium/copper

Box Number 10R

Ground Bar Grounding bar (ordered separately)

Enclosure Material Welded galvannealed steel

Enclosure Type Enclosure

Height 13.2 in (335 mm)

Width 6.9 in (176 mm)

Depth 4.12 in (104.65 mm)

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 | US1DE2A00005 |
| Discount Schedule | DE2A |
| GTIN | 785901051749 |
| Returnability | Yes |
| Country of origin | MX |

Packing Units

| | |
|------------------------------|------------------------------|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg. | 1 |
| Package 1 Height | 5.000 in (12.700 cm) |
| Package 1 Width | 14.500 in (36.830 cm) |
| Package 1 Length | 7.900 in (20.066 cm) |
| Package weight(Lbs) | 8.091 lb(US) (3.670 kg) |
| Unit Type of Package 2 | PAL |
| Number of Units in Package 2 | 105 |
| Package 2 Height | 41.000 in (104.140 cm) |
| Package 2 Width | 40.000 in (101.600 cm) |
| Package 2 Length | 48.000 in (121.920 cm) |
| Package 2 Weight | 885.0002 lb(US) (401.429 kg) |

Contractual warranty

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



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

| | |
|--|---|
| Carbon footprint (kg CO2 eq, Total Life cycle) | 28 |
| Environmental Disclosure | Product Environmental Profile |

Use Better

Materials and Substances

| | |
|--|---|
| Packaging made with recycled cardboard | No |
| Packaging without single use plastic | No |
| EU RoHS Directive | Compliant |
| REACH Regulation | REACH Declaration |
| 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 |

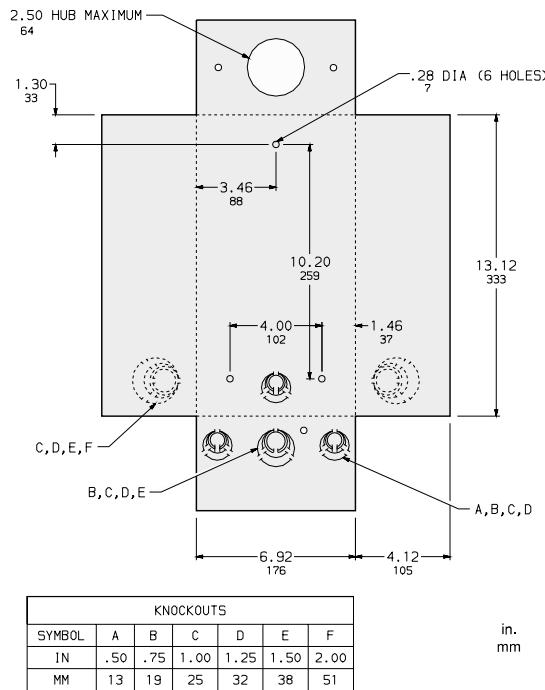
Use Again

Repack and remanufacture

| | |
|---------------------|--|
| Circularity Profile | No need of specific recycling operations |
| Take-back | No |

Technical Illustration

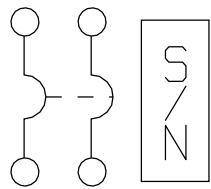
Dimensions



All dimensions are approximate. Also see technical documentation.

Technical Illustration

Wiring diagram



120/240VAC

QO2100BNF
QO2100BNS
QO2100BNRB

Image of product / Alternate images

Alternative

