

Product data sheet

Specifications

SQUARE D



Circuit breaker enclosure, QO, 1 phase, 2 spaces, 100A, NEMA1, surface cover, UL

QO2100BNS

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 1 indoor

Breaker Compatibility Circuit breaker QO 2P

Product Certifications UL Listed

Wiring Configuration 3-wire

Electrical Connection Lugs

Wire Size AWG 14...AWG 1 copper
AWG 12...AWG 1 aluminium

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 13

Cover Type Surface cover

Ground Bar Grounding bar (ordered separately)

Enclosure Material Welded sheet steel

Enclosure Type Enclosure

Height 13.1 in (333 mm)

Width 5.9 in (149 mm)

Depth 3.4 in (86.4 mm)

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	US1DE2A00005
Discount Schedule	DE2A
GTIN	785901051732
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	4.61 in (11.7 cm)
Package 1 Width	7.40 in (18.8 cm)
Package 1 Length	15.00 in (38.1 cm)
Package weight(Lbs)	5.67 lb(US) (2.57 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	135
Package 2 Height	40.00 in (101.6 cm)
Package 2 Width	40.00 in (101.6 cm)
Package 2 Length	48.00 in (121.92 cm)
Package 2 Weight	781.702 lb(US) (354.574 kg)

Contractual warranty

Warranty	18 months
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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

Carbon footprint (kg CO2 eq, Total Life cycle)	20
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Under investigation
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

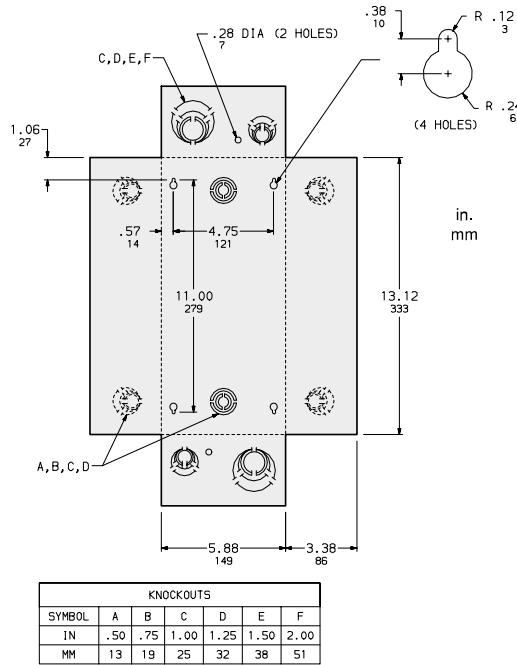
Use Again

Repack and remanufacture

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

Technical Illustration

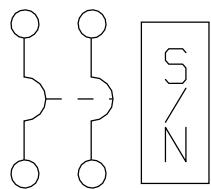
Dimensions



All dimensions are approximate. Also see technical documentation.

Technical Illustration

Wiring diagram



120/240VAC

QO2100BNF
QO2100BNS
QO2100BNRB