

# Product data sheet

Specifications

SQUARE D



## Mini circuit breaker, QO, 50A, 2 pole, 120/240VAC, 10kA, bolt on

QOB250

Product availability: Stock - Normally stocked in distribution facility

### Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	50 A
Voltage Rating	120/240 V AC 120 V AC
Mounting Type	Bolt-on
Number of Poles	2P
Circuit Breaker Type	Standard
Ratings	HACR rated
Electrical Connection	Box lugs

### Complementary

Interrupt Rating	10 kA 120/240 V AC 10 kA 120 V AC
Number of Panel Spaces	2
Wire Size	AWG 8...AWG 2 copper or aluminium
Tightening Torque	44.3 lbf.in (5 N.m)
Height	3.1 in (79 mm)
Width	1.5 in (38 mm)
Depth	2.9 in (74 mm)
Net Weight	0.549 lb(US) (0.249 kg)

### Environment

Certifications	UL Listed CSA
Ambient Rating	104 °F (40 °C)

### Ordering and shipping details

Category	US10DE200015
Discount Schedule	0DE2
GTIN	785901416982
Returnability	Yes
Country of origin	MX

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.50 in (3.81 cm)
Package 1 Width	3.30 in (8.382 cm)
Package 1 Length	3.50 in (8.89 cm)
Package weight(Lbs)	4.000 oz (113.398 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.40 in (8.636 cm)
Package 2 Width	2.70 in (6.858 cm)
Package 2 Length	7.70 in (19.558 cm)
Package 2 Weight	2.961 lb(US) (1.343 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	50
Package 3 Height	8.10 in (20.574 cm)
Package 3 Width	7.60 in (19.304 cm)
Package 3 Length	17.20 in (43.688 cm)
Package 3 Weight	30.351 lb(US) (13.767 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) 18

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

SCIP Number Af42fb01-813d-40c0-ae28-b8b3299dbc99

REACH Regulation [REACH Declaration](#)

California proposition 65 **WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**

Halogen content performance Halogen free product

## Use Again

### Repack and remanufacture

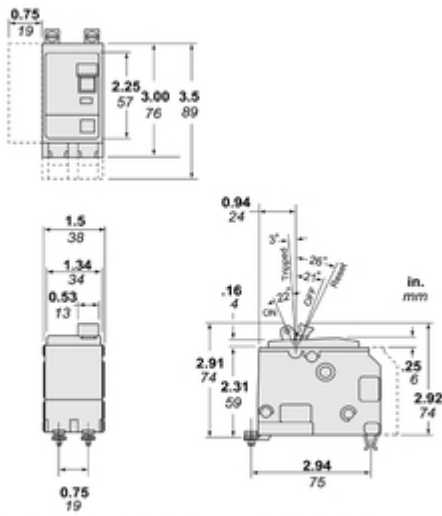
Circularity Profile No need of specific recycling operations

Take-back No

Technical Illustration

Dimensions

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Dimensions are approximate. Refer to technical documentation for additional detail.

Image of product / Alternate images

Alternative

### Technical Benefits Thermal Magnetic Breaker



-  Miniature circuit breaker rated at 50A
-  Protects against overloads and short-circuits
-  Product characteristics conformity is certified by the Underwriters Laboratories (UL)
-  The current capacity that this circuit breaker is able to interrupt before breaking is 10kA
-  Bolt-On Type with Visi-Trip Indicator to quickly identify trips
-  Compatible with QO NQ/NGOD panelboards with 2 spaces

#### Compatible products

QO 50 Amp 2 Pole Bolt On Circuit Breaker  
MFG Model Number: QOB250CP



Compatible with Square D NQ or NQOD panelboards with 2 spaces



HLO1CP      QO1HPLCP