

Product data sheet

Specifications



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

QOB250CP

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	Pressure plate
Type of Packing	Consumer packaging

Complementary

Interrupt Rating	10 kA 120/240 V AC 10 kA 120 V AC
Number of Panel Spaces	2
Wire Size	8 AWG...2 AWG 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)
Product Weight	0.571 lb(US) (0.259 kg)

Environment

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

Ordering and shipping details

Category	US10CPQ01341
Discount Schedule	0CPQ
GTIN	785901949664
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.

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.50 in (6.35 cm)
Package 1 Width	1.50 in (3.81 cm)
Package 1 Length	3.100 in (7.874 cm)
Package weight(Lbs)	9.1 oz (259.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.300 in (8.382 cm)
Package 2 Width	1.50 in (3.81 cm)
Package 2 Length	7.700 in (19.558 cm)
Package 2 Weight	2.970 lb(US) (1.347 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	50
Package 3 Height	8.200 in (20.828 cm)
Package 3 Width	8.00 in (20.32 cm)
Package 3 Length	17.100 in (43.434 cm)
Package 3 Weight	30.27 lb(US) (13.73 kg)

Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	81 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	80 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	Af42fb01-813d-40c0-ae28-b8b3299dbc99
EU RoHS Directive	Compliant
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel (Metallic), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	0
Circularity Profile	No need of specific recycling operations
Take-back	No

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/NQOD 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



HL01CP QO1HPLCP

