

# Product data sheet

Specifications



Mini circuit breaker, QO, 50A, 2 pole, 120/240VAC, 10kA, bolt on, 6mA grd fault A, pigtail

QOB250GFI

## 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	Ground fault protecting class A 6 mA
Ratings	Not 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 12...AWG 4 aluminum AWG 14...AWG 6 copper
Tightening Torque	44.3 lbf.in (5 N.m) 40.7 lbf.in (4.6 N.m) 0.006...0.03 in² (4...20 mm²) AWG 12...AWG 4)
Height	4.1 in (105 mm)
Width	1.5 in (38 mm)
Depth	2.9 in (74 mm)
Product weight	1.041 lb(US) (0.472 kg)

## Environment

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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.20 in (5.588 cm)
Package 1 Width	3.60 in (9.144 cm)

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

Package 1 Length	5.30 in (13.462 cm)
Package 1 Weight	16.640 oz (471.736 g)

## 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)	41
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Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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## Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
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Packaging without single use plastic	Yes
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China RoHS Regulation	<a href="#">China RoHS declaration</a>
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## Use Again



### Repack and remanufacture

Circularity Profile	<a href="#">End of Life Information</a>
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Take-back	No
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