

Product data sheet

Specifications



Mini circuit breaker, QO, 50A, 2 pole, 120/240VAC, 10kA, plug in

QO250

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	Plug-in
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	0.571 lb(US) (0.259 kg)

Environment

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

Ordering and shipping details

Category	US1DE2A00004
Discount Schedule	DE2A
GTIN	785901400523
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	3.10 in (7.874 cm)
Package 1 Width	1.50 in (3.810 cm)
Package 1 Length	3.20 in (8.128 cm)
Package weight(Lbs)	9.920 oz (281.227 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.30 in (8.382 cm)
Package 2 Width	3.50 in (8.890 cm)
Package 2 Length	7.70 in (19.558 cm)
Package 2 Weight	2.950 lb(US) (1.338 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	50
Package 3 Height	8.30 in (21.082 cm)
Package 3 Width	7.70 in (19.558 cm)
Package 3 Length	17.30 in (43.942 cm)
Package 3 Weight	29.990 lb(US) (13.603 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)	19
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
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

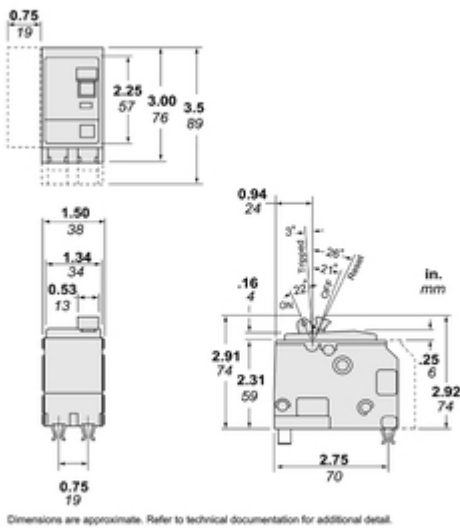


Image of product / Alternate images

Alternative

Technical Benefits
Thermal Magnetic Breaker



Miniature circuit breaker rated at 50A



Protects against overloads and short-circuits



Easy plug on circuit breaker that's compatible with Square D™ QO Loadcenters



The current capacity that this circuit breaker is able to interrupt before breaking is 10kA



Quickly identify tripped breakers with our Visi-Trip Indicator



Compatible with QO electrical panels and CSEDs with 2 spaces



QO™

QO250C

50A

120/240 VAC ~ 50/60 Hz
10,000 AIR/A nom.

 **2** Poles
Polos
Pôles



Visi-Trip™ indicates tripped circuit



Qwik-Open™ technology - Overload and Short circuit protection



Market-leading circuit protection



Compatible products

QO 50 Amp 2 Pole
Circuit Breaker
MFG Model Number: QO250CP





Compatible with Square D
QO electrical panels, CSED
with 2 spaces



HLO1CP QOTHPLCP

