

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, QO, 50A, 2 pole, 120/240VAC, 10kA, plug in, 6mA grd fault A, pigtail, clam [TAA]

QO250GFIC

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	Ground fault protecting class A 6 mA
Ratings	Not rated
Electrical Connection	Box lugs
Type of Packing	Clam packaging

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 aluminium 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 in ² (4...20 mm ²) (AWG 12...AWG 4)
Height	4.1 in (105 mm)
Width	1.5 in (38 mm)
Depth	2.9 in (74 mm)
Net Weight	1.100 lb(US) (0.499 kg)

Environment

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

Ordering and shipping details

Category	US1DE2A00103
Discount Schedule	DE2A
GTIN	785901303121

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

Returnability	Yes
---------------	-----

Country of origin	MX
-------------------	----

Packing Units

Unit Type of Package 1	PCE
------------------------	-----

Nbr. of units in pkg.	1
-----------------------	---

Package 1 Height	1.60 in (4.064 cm)
------------------	--------------------

Package 1 Width	4.50 in (11.43 cm)
-----------------	--------------------

Package 1 Length	7.90 in (20.066 cm)
------------------	---------------------

Package weight(Lbs)	17.600 oz (498.952 g)
---------------------	-----------------------

Compliance

Compliance	TAA
------------	-----

Contractual warranty

Warranty	18 months
----------	-----------



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
--	----

Environmental Disclosure	Product Environmental Profile
--------------------------	---

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
--	----

Packaging without single use plastic	No
--------------------------------------	----

EU RoHS Directive	Compliant with Exemptions
-----------------------------------	---------------------------

REACH Regulation	REACH Declaration
------------------	-----------------------------------

California proposition 65	WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
---------------------------	---

Use Again

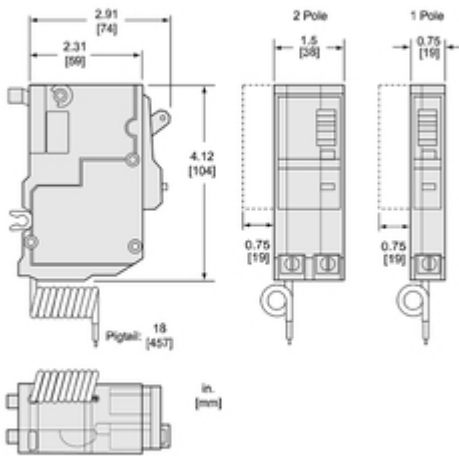
Repack and remanufacture

Circularity Profile	End of Life Information
---------------------	---

Take-back	No
-----------	----

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

Typical Two-Pole GFCI Wiring

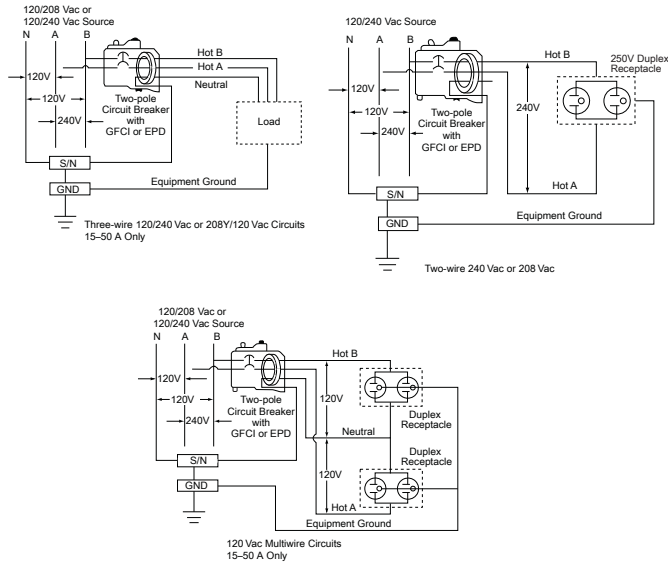


Image of product / Alternate images

Alternative

QO™

QO250GFIC

50A

120/240 VAC ~ 60 Hz
10,000 AIR/A nom.1

2 Poles
Polos
Pôles

Pigtail
Cable Neutro
Câble de neutre

Ground fault protection
Protección para la fuga a tierra
Protection contre les défauts à la terre

UL943 Class A GFI - Shock Protection

Visi-Trip™ indicates tripped circuit

Ideal for wet and damp locations