Product data sheet

Specifications

Mini circuit breaker, QO, 30A, 2 pole, 120/240VAC, 10kA, 6mA grd fault A, pigtail, plug in mount

QO230GFI

Product availability : Stock - Normally stocked in distribution facility

Price* : 413.00 USD

Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	30 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	Pressure plate

Complementary

Interrupt Rating	10 kA 120/240 V AC 50/60 Hz 10 kA 120 V AC 50/60 Hz
Number of Panel Spaces	2
Wire Size	AWG 14...AWG 8 copper AWG 12...AWG 8 aluminium
Tightening Torque	40.71 lbf.in (4.6 N.m) 0.00…0.02 in² (2.5…10 mm²) (AWG 16...AWG 14) 40.71 lbf.in (4.6 N.m) 0.01…0.03 in² (4…20 mm²) (AWG 12...AWG 4)
Height	4.13 in (105 mm)
Width	1.50 in (38 mm)
Depth	2.91 in (74 mm)
Net Weight	0.72 lb(US) (0.327 kg)

Environment

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

Ordering and shipping details

Category	00003-QO 1&2 POLE GFI CB 30A MAX
Discount Schedule	DE2A

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

GTIN	785901563006
Nbr. of units in pkg.	1
Package weight(Lbs)	15.20 oz (430.91 g)
Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	3.60 in (9.144 cm)
Package 1 width	2.20 in (5.588 cm)
Package 1 Length	5.40 in (13.716 cm)
Unit Type of Package 2	CAR
Number of Units in Package 2	33
Package 2 Weight	32.12 lb(US) (14.569 kg)
Package 2 Height	5.50 in (13.97 cm)
Package 2 width	13.60 in (34.544 cm)
Package 2 Length	20.90 in (53.086 cm)

Offer Sustainability

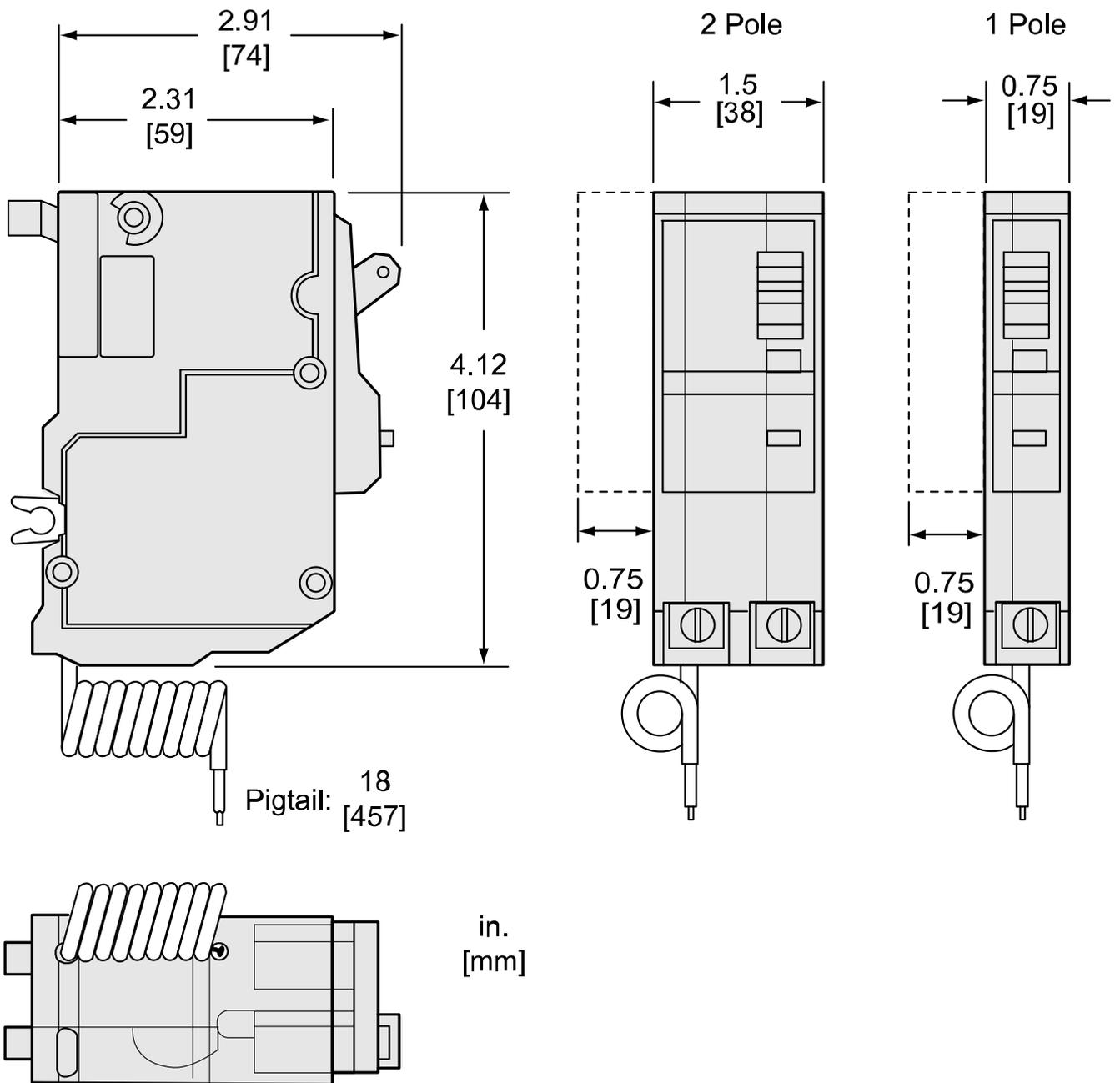|	
Sustainable offer status	Green Premium product
California proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Contractual warranty

Warranty	18 months

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Dimensions

2.91
[74]

2.31
[59]

4.12
[104]

Pigtail: 18
[457]

2 Pole

1.5
[38]

0.75
[19]

1 Pole

0.75
[19]

0.75
[19]

0.75
[19]

in.
[mm]

Wiring Diagram

Typical Two-Pole GFCI Wiring

120/208 Vac or
120/240 Vac Source

N   A   B

120V

120V

240V

Hot B
Hot A
Neutral

Two-pole
Circuit Breaker
with
GFCI or EPD

Load

S/N

GND

Equipment Ground

Three-wire 120/240 Vac or 208Y/120 Vac Circuits
15–50 A Only

120/240 Vac Source

N   A   B

120V

120V

240V

Hot B

240V

250V Duplex
Receptacle

Two-pole
Circuit Breaker
with
GFCI or EPD

S/N

GND

Hot A

Equipment Ground

Two-wire 240 Vac or 208 Vac

120/208 Vac or
120/240 Vac Source

N   A   B

120V

120V

240V

Hot B

120V

Duplex
Receptacle

Two-pole
Circuit Breaker
with
GFCI or EPD

Neutral

Duplex
Receptacle

S/N

GND

120V

Hot A

Equipment Ground

120 Vac Multiwire Circuits
15–50 A Only

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