

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, QO, 20A, 1 pole, 120VAC, 10kA, plug in, combo ARC fault, 6mA grd fault A, plug on neutral, clam [TAA]

QO120PAFGFC

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	QO
Current Rating	20 A
Voltage Rating	120 V AC
Mounting Type	Plug-in
Number of Poles	1P
Circuit Breaker Type	Combination ARC-fault Ground fault protecting class A 6 mA
Ratings	HACR rated
Electrical Connection	Pressure plate
Connections Terminals	Plug-on neutral
Type of Packing	Clam packaging

Complementary

Interrupt Rating	10 kA 120 V AC
Number of Panel Spaces	1
Wire Size	AWG 14...AWG 8 copper or aluminium
Tightening Torque	35.4 lbf.in (4 N.m)
Height	2.72 in (69.08 mm)
Width	0.75 in (19.05 mm)
Depth	4.10 in (104.14 mm)
Product Weight	0.351 lb(US) (0.159 kg)

Environment

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

Ordering and shipping details

Category	US10CPQ01318
Discount Schedule	0CPQ
GTIN	785901780243

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

Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.200 in (3.048 cm)
Package 1 Width	4.500 in (11.430 cm)
Package 1 Length	8.000 in (20.320 cm)
Package weight(Lbs)	7.200 oz (204.116 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	3.940 in (10.008 cm)
Package 2 Width	4.810 in (12.217 cm)
Package 2 Length	8.370 in (21.260 cm)
Package 2 Weight	23.779 oz (674.128 g)
Unit Type of Package 3	PAL
Number of Units in Package 3	1200
Package 3 Height	44.000 in (111.760 cm)
Package 3 Width	42.000 in (106.680 cm)
Package 3 Length	42.000 in (106.680 cm)
Package 3 Weight	635.0002 lb(US) (288.031 kg)

Compliance

Compliance	TAA Compliant
------------	---------------

Contractual warranty

Warranty (in months)	18
----------------------	----



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	12 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	4 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	7 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
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 By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer



Lifetime extension

Repair	No
--------	----

Use Again



Repack and remanufacture

Recyclability potential, in %	0
Circularity Profile	End of Life Information
Take-back	No

Technical Illustration

Dimensions

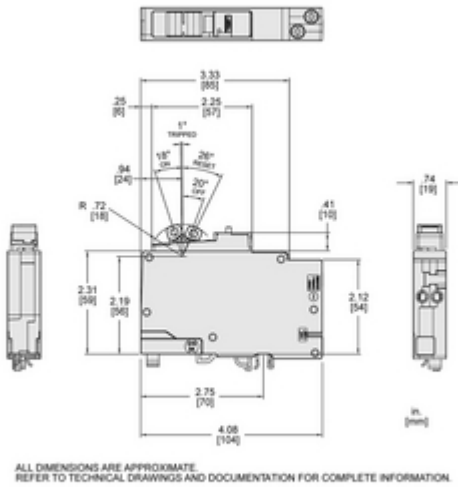


Image of product / Alternate images

Alternative

Technical Benefits

Dual Function Electronic Breaker



Protects against parallel and series arcs



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



Quickly identify tripped breakers with our Visi-Trip indicator



Compatible with QO electrical panels and CSEDs with 1 spaces



QO™

QO120PAFGFC

20A

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

 1 Pole
Pole

 Plug-on Neutral
Neutro enchufable

 Arc fault protection
Protección para la falla de arco

 Ground fault protection
Protección para la fuga a tierra





Combines CFI & GFI protection



Simplifies installation, no pigtails



LED and Time-saver diagnostics



