

Product data sheet

Specifications

SQUARE D



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

QO120PAF

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
Ratings	HACR rated
Electrical Connection	Pressure plate
Connections Terminals	Plug-on neutral

Complementary

Interrupt Rating	10 kA 120 V AC
Number of Panel Spaces	1
Wire Size	AWG 14...AWG 8 copper AWG 12...AWG 8 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)
Net Weight	0.351 lb(US) (0.159 kg)

Environment

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

Ordering and shipping details

Category	US1DE2A06303
Discount Schedule	DE2A
GTIN	785901779223
Returnability	Yes

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

Country of origin	US
-------------------	----

Packing Units

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

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

Package 1 Height	1.02 in (2.6 cm)
------------------	------------------

Package 1 Width	3.94 in (10 cm)
-----------------	-----------------

Package 1 Length	4.21 in (10.7 cm)
------------------	-------------------

Package weight(Lbs)	6.6 oz (186 g)
---------------------	----------------

Unit Type of Package 2	CAR
------------------------	-----

Number of Units in Package 2	57
------------------------------	----

Package 2 Height	20.71 in (52.6 cm)
------------------	--------------------

Package 2 Width	3.82 in (9.7 cm)
-----------------	------------------

Package 2 Length	13.62 in (34.6 cm)
------------------	--------------------

Package 2 Weight	23.44 lb(US) (10.63 kg)
------------------	-------------------------

Compliance

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



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)	10
--	----

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

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
--	-----

Packaging without single use plastic	Yes
--------------------------------------	-----

EU RoHS Directive	Under investigation
-------------------	---------------------

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
---------------------------	--

Use Again

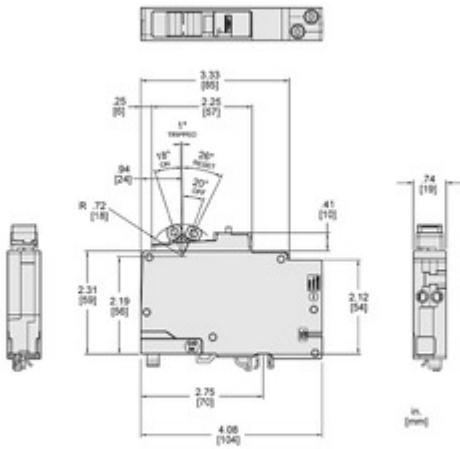
Repack and remanufacture

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

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

Technical Illustration

Dimensions



ALL DIMENSIONS ARE APPROXIMATE.
REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION FOR COMPLETE INFORMATION.

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⁺

QO120PAFC

20A

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

 **1** Pole
Polo

 **Plug-on Neutral**
Neutro enchufable

 **Arc fault protection**
Protección para la falla de arco



-  Detects parallel and series arcing faults
-  Simplifies installation, no pigtails
-  LED and Time-saver diagnostics