

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, Homeline, 20A, 1 pole, 120VAC, 10kA AIR, combo arc fault, pigtail neutral, plug in, UL [TAA]

HOM120CAFIC

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	Homeline
Current Rating	20 A
Certifications	UL Listed
Voltage Rating	120 V AC
Mounting Type	Plug-in
Number of Poles	1P
Short Circuit Current Rating	10 kA
Number of Spaces	1
Circuit Breaker Type	Combination ARC-fault
Ratings	HACR rated
Electrical Connection	Clamp terminal for 2 cables
Wire Size	1 x AWG 14...AWG 8 (aluminium/copper) 2 x AWG 14...AWG 10 (copper)
Type of Packing	Clam packaging

Complementary

Connections - Terminals	Pigtail neutral
Tightening torque	35.4 lbf.in (4.0 N.m) 0.004...0.009 in ² (2.5...6 mm ²) (AWG 14...AWG 8)
Height	3.13 in (79.50 mm)
Width	1 in (25.4 mm)
Depth	2.98 in (75.69 mm)
Product Weight	0.66 lb(US) (0.30 kg)

Environment

Ambient Air Temperature for Operation	104 °F (40 °C)
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Ordering and shipping details

Category	US10CPH01321
Discount Schedule	0CPH
GTIN	785901477150

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	MX

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	7.900 in (20.066 cm)
Package weight(Lbs)	10.720 oz (303.907 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	3
Package 2 Height	4.000 in (10.160 cm)
Package 2 Width	4.700 in (11.938 cm)
Package 2 Length	8.400 in (21.336 cm)
Package 2 Weight	34.719 oz (984.295 g)
Unit Type of Package 3	PAL
Number of Units in Package 3	960
Package 3 Height	40.000 in (101.600 cm)
Package 3 Width	40.000 in (101.600 cm)
Package 3 Length	48.000 in (121.920 cm)
Package 3 Weight	704.0005 lb(US) (319.329 kg)

Compliance

Compliance	TAA Compliant
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Contractual warranty

Warranty (in months)	18
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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

Total lifecycle Carbon footprint	40 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	2 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]	37 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: 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
Halogen content performance	Halogen free product

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	31
Circularity Profile	End of Life Information
Take-back	No

Technical Illustration

Dimensions

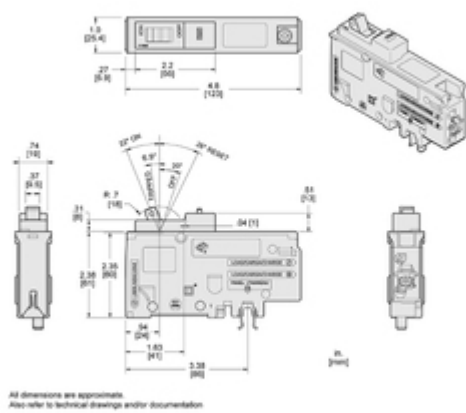


Image of product / Alternate images

Alternative

Technical Benefits

Combination Arc Fault Circuit 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



For residential/commercial use to protect entire branch circuits



Compatible with Homeline electrical panels and CSEDs with 1 spaces



Homeline™

HOM120CAFIC

20A

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

 **1** Pole
Polo

 **Pigtail**
Cable
Neutro

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





Detects parallel and series arcing faults



Time-saver diagnostics