

Product data sheet

Specifications



Mini circuit breaker, Homeline,
20A, 1 pole, 120/240VAC, 10kA
AIR, standard type, plug in, UL

HOM120

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	Homeline
Current Rating	20 A
Certifications	UL Listed
Voltage Rating	120/240 V AC
Mounting Type	Plug-in
Number of Poles	1P
Short Circuit Current Rating	10 kA
Number of Spaces	1
Circuit Breaker Type	Standard
Ratings	HACR and Switching Duty 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)

Complementary

Tightening torque	35.4 lbf.in (4.0 N.m) 0.004...0.009 in² (2.5...6 mm²) (AWG 14...AWG 8)
Height	3.13 in (79.50 mm)
Width	1 in (25.4 mm)
Depth	2.98 in (75.69 mm)

Environment

Ambient Air Temperature for Operation	104 °F (40 °C)
---------------------------------------	----------------

Ordering and shipping details

Category	US1DE3D00046
Discount Schedule	DE3D
GTIN	785901065210
Returnability	Yes

Packing Units

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

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

Nbr. of units in pkg.	1
Package 1 Height	0.90 in (2.286 cm)
Package 1 Width	2.90 in (7.366 cm)
Package 1 Length	3.00 in (7.620 cm)
Package weight(Lbs)	4.480 oz (127.006 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	10
Package 2 Height	3.20 in (8.128 cm)
Package 2 Width	3.20 in (8.128 cm)
Package 2 Length	10.20 in (25.908 cm)
Package 2 Weight	2.879 lb(US) (1.306 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	100
Package 3 Height	10.80 in (27.432 cm)
Package 3 Width	6.80 in (17.272 cm)
Package 3 Length	16.90 in (42.926 cm)
Package 3 Weight	29.079 lb(US) (13.190 kg)

Contractual warranty

Warranty	Lifetime
----------	----------

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)	23

Use Better

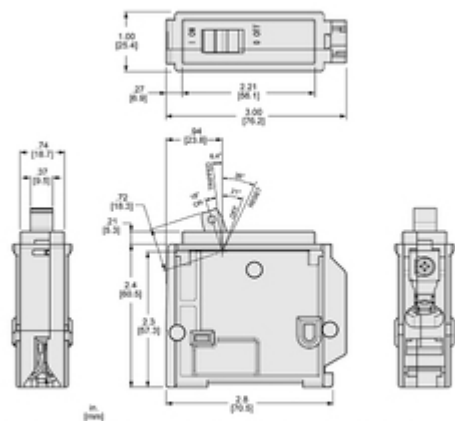
 Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACH Regulation	REACH Declaration

Use Again

 Repack and remanufacture	
Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

Dimensions



All dimensions are approximate. Also refer to technical drawings and documentation.

Image of product / Alternate images

Alternative

Technical Benefits

Thermal Magnetic Breaker



Miniature circuit breaker rated at 20A



Protects against overloads and short-circuits



Product characteristics conformity is certified by the Underwriters Laboratories (UL)



For residential/commercial use to protect entire branch circuits



The current capacity that this circuit breaker is able to interrupt before breaking is 10kA



Compatible with Homeline electrical panels and CSEDs with 1 spaces



Homeline™

HOM120

20A

120/240 VAC ~ 50/60Hz
10,000 AIR/A nom.I

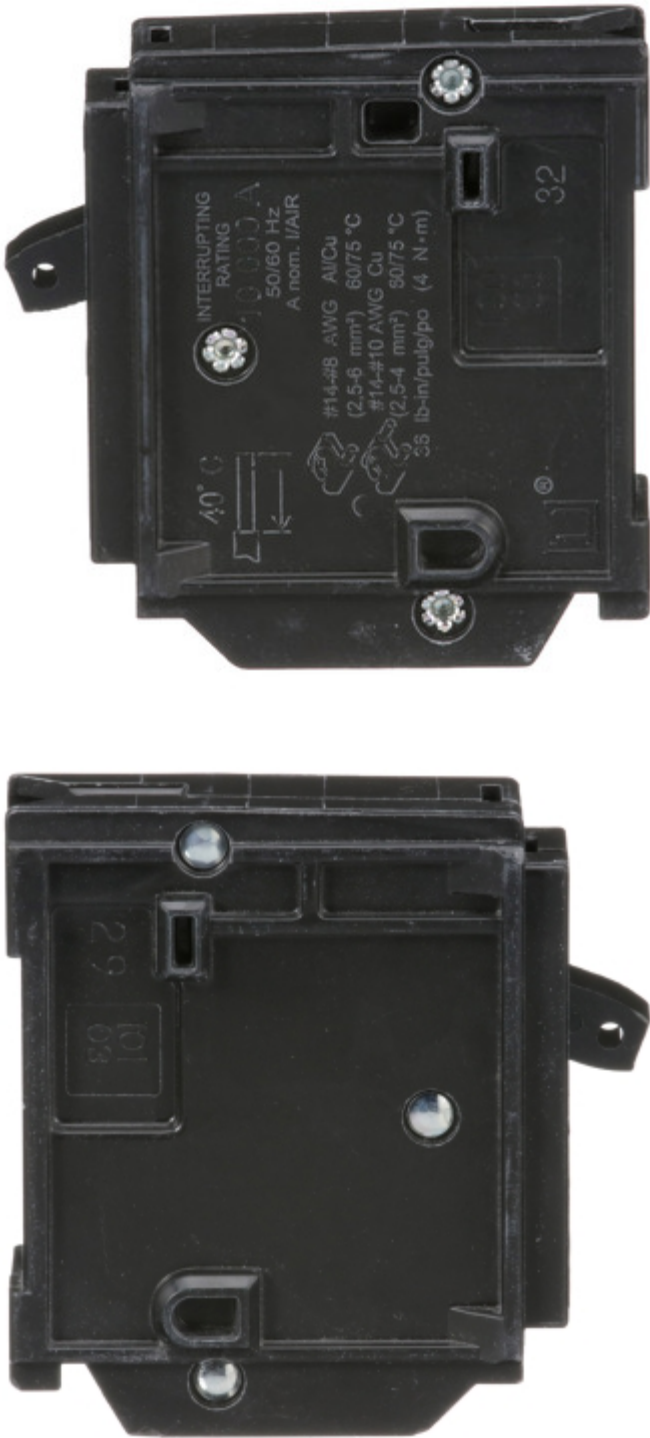


1 Pole
Polo



Plug-On
Enchufable







Compatible products

Homeline 20 Amp Single Pole Circuit Breaker

MFG Model Number: HOM120CP

→

Compatible with Homeline electrical panels and CSEDs with 1 space

HOM1HTCP

HOM1PACP

...