

Product data sheet

Specifications

SQUARE D



Mini circuit breaker, Homeline, 45A, 2 pole, 120/240VAC, 10kA AIR, standard type, plug in, UL

HOM245CP

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	Homeline
Current Rating	45 A
Certifications	UL Listed
Voltage Rating	120/240 V AC
Mounting Type	Plug-in
Number of Poles	2P
Short Circuit Current Rating	10 kA
Number of Spaces	2
Circuit Breaker Type	Standard
Ratings	HACR rated
Electrical Connection	Box lugs
Wire Size	1 x AWG 8...AWG 2 (aluminium/copper)
Type of Packing	Consumer packaging

Complementary

Tightening torque	40.7 lbf.in (4.6 N.m) (AWG 8...AWG 2)
Height	3.13 in (79.50 mm)
Width	2 in (50.8 mm)
Depth	2.98 in (75.69 mm)

Environment

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

Ordering and shipping details

Category	US10CPH01346
Discount Schedule	0CPH
GTIN	785901403845
Returnability	Yes
Country of origin	MX

Packing Units

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

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.200 in (5.588 cm)
Package 1 Width	1.900 in (4.826 cm)
Package 1 Length	3.100 in (7.874 cm)
Package weight(Lbs)	11.2 oz (318.0 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.200 in (8.128 cm)
Package 2 Width	1.900 in (4.826 cm)
Package 2 Length	10.100 in (25.654 cm)
Package 2 Weight	5.760 oz (163.293 g)
Unit Type of Package 3	CAR
Number of Units in Package 3	50
Package 3 Height	10.50 in (26.67 cm)
Package 3 Width	6.800 in (17.272 cm)
Package 3 Length	16.800 in (42.672 cm)
Package 3 Weight	36.850 lb(US) (16.715 kg)

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	23 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	1 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]	22 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	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
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

Circularity Profile	No need of specific recycling operations
Take-back	No

Technical Illustration

Dimensions

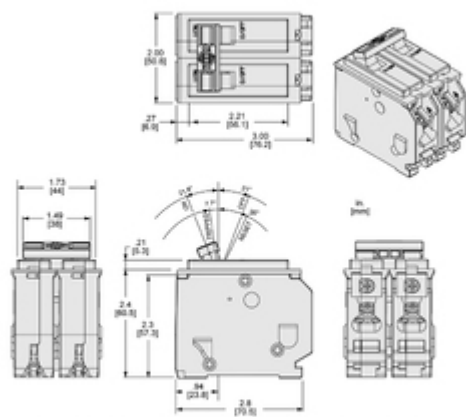


Image of product / Alternate images

Alternative

Technical Benefits
Thermal Magnetic Breaker



For residential/ commercial use to protect entire branch circuits



Compatible with Homeline electrical panel and CSEDs with 2 spaces



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



Miniature circuit breaker rated at 45A



Protects against overloads and short-circuits



Compatible products

Homeline 45 Amp 2 Pole Circuit Breaker

MFG Model Number: HOM245CP





Compatible with Homeline electrical panels and CSEDs with 2 spaces



HOM1RKCP



HOM2PALCP

