

Product data sheet

Specifications

SQUARE D



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

HOM245

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)

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)
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Ordering and shipping details

Category	US1DE3D00046
Discount Schedule	DE3D
GTIN	785901065500
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of Units in Package 1	1
Package 1 Height	2.00 in (5.08 cm)
Package 1 Width	3.00 in (7.62 cm)
Package 1 Length	3.10 in (7.874 cm)
Package 1 Weight	11.200 oz (317.515 g)

Contractual warranty

Warranty	Lifetime
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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

Carbon footprint (kg CO2 eq, Total Life cycle) 23

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

Use Again

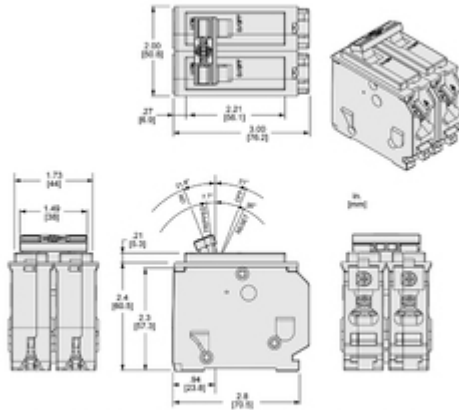
Repack and remanufacture

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



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For residential/commercial use to protect entire branch circuits
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Compatible with Homeline electrical panel and CSEDs with 2 spaces
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Product characteristics conformity is certified by the Underwriters Laboratories (UL)
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The current capacity that this circuit breaker is able to interrupt before breaking is 10kA
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Miniature circuit breaker rated at 45A
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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 HOM2PALACP