

# Product data sheet

Specifications



Mini circuit breaker, Homeline,  
50A, 2 pole, 120/240VAC, 10kA  
AIR, standard type, plug in, UL

HOM250

Product availability: Stock - Normally stocked in distribution facility

## Main

Product	Miniature circuit-breaker
Range	Homeline
Current Rating	50 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	785901065326
Returnability	Yes
Country of origin	MX

## 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.

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	2.00 in (5.080 cm)
Package 1 Width	3.00 in (7.620 cm)
Package 1 Length	3.10 in (7.874 cm)
Package weight(Lbs)	11.200 oz (317.514 g)
Unit Type of Package 2	BB1
Number of Units in Package 2	5
Package 2 Height	3.10 in (7.874 cm)
Package 2 Width	3.10 in (7.874 cm)
Package 2 Length	10.10 in (25.654 cm)
Package 2 Weight	3.580 lb(US) (1.624 kg)
Unit Type of Package 3	CAR
Number of Units in Package 3	50
Package 3 Height	10.80 in (27.432 cm)
Package 3 Width	6.80 in (17.272 cm)
Package 3 Length	16.50 in (41.910 cm)
Package 3 Weight	36.420 lb(US) (16.520 kg)

## 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.

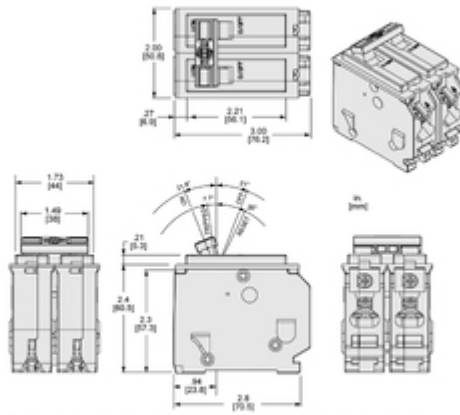
[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	23
Use Better	
Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
<a href="#">EU RoHS Directive</a>	Compliant
REACH Regulation	<a href="#">REACH Declaration</a>
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



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 50A



Protects against overloads and short-circuits



Homeline™  
HOM250C

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

 **2** Poles  
Polos



Market-leading circuit protection



Qwik-Open™ technology - Overload and Short circuit protection







### Compatible products

Homeline 50 Amp 2 Pole  
Circuit Breaker  
MFG Model Number: HOM250CP

Compatible with Homeline  
electrical panels and  
CSEDs with 2 spaces

HOM1RKCP

HOM2PALACP