# 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) |

## 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 |

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** | 1.900 in (4.826 cm) |
| **Package 1 Width** | 3.000 in (7.620 cm) |
| **Package 1 Length** | 3.000 in (7.620 cm) |
| **Package weight(Lbs)** | 11.040 oz (312.978 g) |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 5 |
| **Package 2 Height** | 3.300 in (8.382 cm) |
| **Package 2 Width** | 3.500 in (8.890 cm) |
| **Package 2 Length** | 10.200 in (25.908 cm) |
| **Package 2 Weight** | 3.549 lb(US) (1.610 kg) |
| **Unit Type of Package 3** | CAR |
| **Number of Units in Package 3** | 50 |
| **Package 3 Height** | 6.900 in (17.526 cm) |
| **Package 3 Width** | 15.300 in (38.862 cm) |
| **Package 3 Length** | 16.700 in (42.418 cm) |
| **Package 3 Weight** | 36.326 lb(US) (16.477 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** |

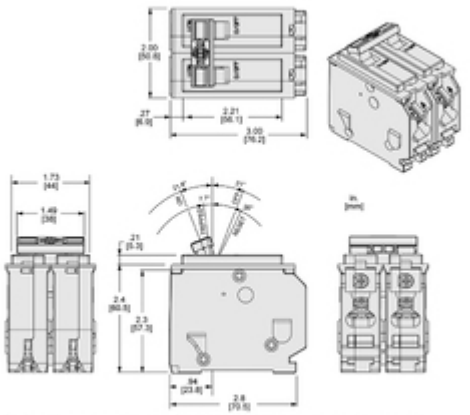
## Use Again

### Repack and remanufacture

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

Technical Illustration

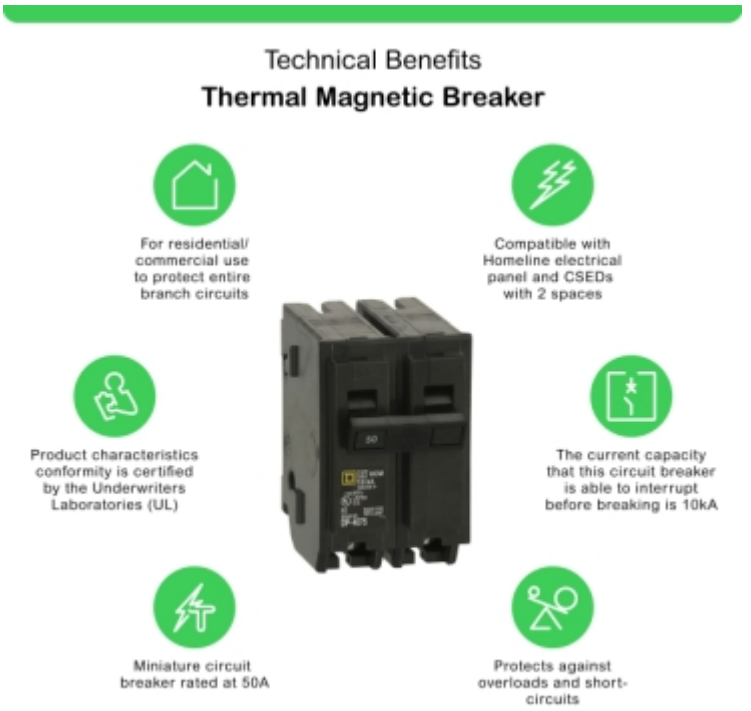
**Dimensions**




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

Image of product / Alternate images

**Alternative**











#8 AWG Al/Cu
(8 mm²) 60/75° C
#6 - #2 AWG Al/Cu
(13-35 mm²) 75° C only
45 lb-in/pug/po (5 N·m)


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