

# Product data sheet

Specifications



Mini circuit breaker, Homeline,  
50A, 2 pole, 120/240VAC, 10kA  
AIR, ground fault class A, plug in,  
UL [TAA]

HOM250GFI

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         | Ground fault protecting class A 6 mA                              |
| Ratings                      | HACR rated                                                        |
| Electrical Connection        | Screw clamp terminals                                             |
| Wire Size                    | 1 x AWG 12...AWG 4 ( aluminium )<br>1 x AWG 14...AWG 6 ( copper ) |

## Complementary

|                   |                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tightening torque | 40.7 lbf.in (4.6 N.m) 0.004...0.02 in <sup>2</sup> (2.5...10 mm <sup>2</sup> ) (AWG 16...AWG 14)<br>40.7 lbf.in (4.6 N.m) 0.006...0.03 in <sup>2</sup> (4...20 mm <sup>2</sup> ) (AWG 12...AWG 4) |
| 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          | US1DE3D00147 |
| Discount Schedule | DE3D         |
| GTIN              | 785901783572 |
| Returnability     | Yes          |
| Country of origin | MX           |

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

## Packing Units

|                              |                               |
|------------------------------|-------------------------------|
| Unit Type of Package 1       | PCE                           |
| Nbr. of units in pkg.        | 1                             |
| Package 1 Height             | 3.600 in (9.144 cm)           |
| Package 1 Width              | 2.200 in (5.588 cm)           |
| Package 1 Length             | 5.400 in (13.716 cm)          |
| Package weight(Lbs)          | 19.520 oz (553.382 g)         |
| Unit Type of Package 2       | CAR                           |
| Number of Units in Package 2 | 33                            |
| Package 2 Height             | 5.600 in (14.224 cm)          |
| Package 2 Width              | 13.800 in (35.052 cm)         |
| Package 2 Length             | 21.200 in (53.848 cm)         |
| Package 2 Weight             | 40.550 lb(US) (18.393 kg)     |
| Unit Type of Package 3       | PAL                           |
| Number of Units in Package 3 | 1584                          |
| Package 3 Height             | 40.000 in (101.600 cm)        |
| Package 3 Width              | 40.000 in (101.600 cm)        |
| Package 3 Length             | 48.000 in (121.920 cm)        |
| Package 3 Weight             | 1947.0008 lb(US) (883.144 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) | 42                                            |
| Environmental Disclosure                       | <a href="#">Product Environmental Profile</a> |

Use Better

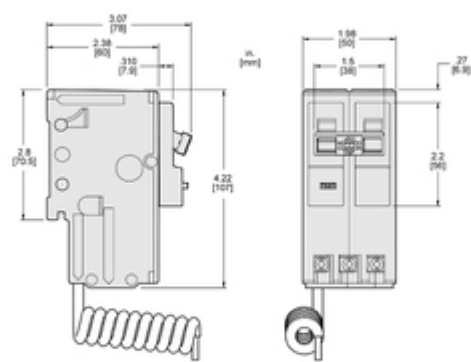
| Materials and Substances               |                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | No                                                                                                                                                                                                                                                                                                                                 |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                                                                                                |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions                                                                                                                                                                                                                                                                                                          |
| REACH Regulation                       | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                                                                  |
| California proposition 65              | WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen content performance            | Halogen free product                                                                                                                                                                                                                                                                                                               |

Use Again

| Repack and remanufacture |                                         |
|--------------------------|-----------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a> |
| Take-back                | No                                      |

Technical Illustration

Dimensions



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

Technical Illustration

Wiring diagram

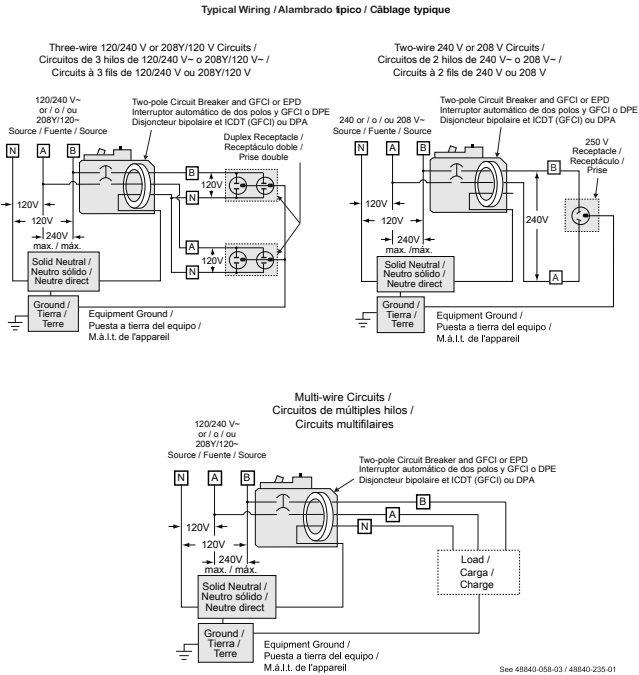


Image of product / Alternate images

Alternative

Technical Benefits  
GFCI Circuit Breaker



Protects against overloads and short-circuits



For residential/ commercial use to protect entire branch circuits



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



Protection from overload, short-circuit, and Class A Ground Fault



Compatible with Homeline electrical panel and CSEDs with 2 spaces

