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 12 AWG...4 AWG (aluminium) 1 x 14 AWG...6 AWG (copper)

Complementary

Connections - Terminals	Pigtail neutral
Tightening torque	40.7 lbf.in (4.6 N.m) 0.004…0.02 in² (2.5…10 mm²) (16 AWG...14 AWG) 40.7 lbf.in (4.6 N.m) 0.006…0.03 in² (4…20 mm²) (12 AWG...4 AWG)
Height	3.13 in (79.50 mm)
Width	2 in (50.8 mm)
Depth	2.98 in (75.69 mm)
Net Weight	1.210 lb(US) (0.549 kg)

Environment

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

Ordering and shipping details

Category	US1DE3D00147
Discount Schedule	DE3D
GTIN	785901783572
Returnability	Yes

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

Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.300 in (5.842 cm)
Package 1 Width	3.800 in (9.652 cm)
Package 1 Length	5.500 in (13.970 cm)
Package weight(Lbs)	19.360 oz (548.846 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	33
Package 2 Height	5.500 in (13.970 cm)
Package 2 Width	13.900 in (35.306 cm)
Package 2 Length	21.100 in (53.594 cm)
Package 2 Weight	40.475 lb(US) (18.359 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	792
Package 3 Height	27.000 in (68.580 cm)
Package 3 Width	42.000 in (106.680 cm)
Package 3 Length	42.000 in (106.680 cm)
Package 3 Weight	993.0003 lb(US) (450.417 kg)

Compliance

Compliance	TAA Compliant

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	**492 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**6 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**486 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.9 kg CO2 eq.**
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 By Exemption
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**
Halogen content performance	**Halogen free product**

Use Again

Repack and remanufacture

Recyclability potential, in %	**41**
Circularity Profile	End of Life Information
Take-back	**No**

Image of product / Alternate images

Alternative







