Product data sheet

Specifications



Mini circuit breaker, Homeline, 80A, 2 pole, 120/240VAC, 10kA AIR, standard type, plug in, UL

HOM280

Product availability: Stock - Normally stocked in distribution facility

Main

Product	Miniature circuit-breaker
Range	Homeline
Current Rating	80 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	Screw clamp terminals
Wire Size	1 x 4 AWG...2/0 AWG (aluminium/copper)

Complementary

Tightening torque	42.5 lbf.in (4.8 N.m) 0.006…0.08 in² (4…50 mm²) (4 AWG...2/0 kcmil)
Height	3.13 in (79.50 mm)
Width	2 in (50.8 mm)
Depth	2.98 in (75.69 mm)
Net Weight	0.851 lb(US) (0.386 kg)

Environment

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

Ordering and shipping details

Category	US1DE3D00146
Discount Schedule	DE3D
GTIN	785901065678
Returnability	Yes
Country of origin	MX

Packing Units

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

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.300 in (5.842 cm)
Package 1 Width	3.400 in (8.636 cm)
Package 1 Length	3.800 in (9.652 cm)
Package weight(Lbs)	13.600 oz (385.553 g)
Unit Type of Package 2	CAR
Number of Units in Package 2	36
Package 2 Height	4.000 in (10.160 cm)
Package 2 Width	14.000 in (35.560 cm)
Package 2 Length	21.000 in (53.340 cm)
Package 2 Weight	31.251 lb(US) (14.175 kg)
Unit Type of Package 3	PAL
Number of Units in Package 3	1728
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	1500.000 lb(US) (680.388 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	**10 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**2 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.3 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]	**7 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.4 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: Nickel (Metallic), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov**

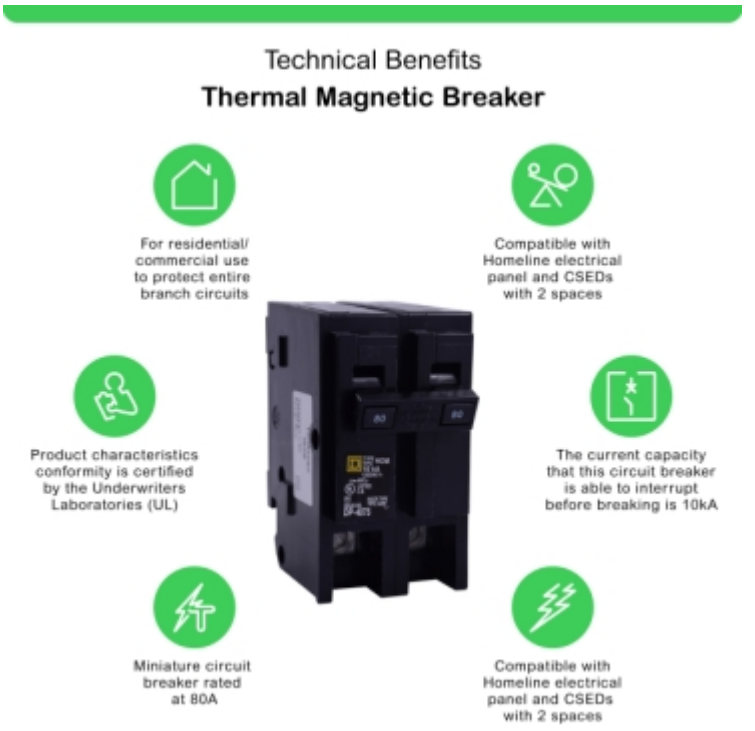
Use Again

Repack and remanufacture

Recyclability potential, in %	**30**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Image of product / Alternate images

Alternative






INTERRUPTING
RATING
10 000 A
50/60 Hz
A nom. HAIR
002
04
40°C




Compatible products
Homeline 80 Amp 2 Pole
Circuit Breaker
MFG Model Number: HOM280CP
Compatible with Homeline
electrical panels and
CSEDs with 2 spaces
HOM1RKCP
HOM2PALACP


INTERRUPTING
RATING
10 000 A
50/60 Hz
A nom. I/AIR
002
04
40°C


HOM280
1732
Assembled in MX
with MX &
Foreign Parts
62

