

Product data sheet

Specifications

SQUARE D



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	Box lugs
Wire Size	1 x AWG 4...AWG 2/0 (aluminium/copper)

Complementary

Tightening torque	42.5 lbf.in (4.8 N.m) (AWG 4...2/0 kcmil)
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	US1DE3D00146
Discount Schedule	DE3D
GTIN	785901065678
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.

Nbr. of units in pkg.	1
Package 1 Height	2.30 in (5.842 cm)
Package 1 Width	3.40 in (8.636 cm)
Package 1 Length	3.80 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	4.00 in (10.160 cm)
Package 2 Width	14.00 in (35.560 cm)
Package 2 Length	21.00 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	40.00 in (101.600 cm)
Package 3 Width	40.00 in (101.600 cm)
Package 3 Length	48.00 in (121.920 cm)
Package 3 Weight	1500.000 lb(US) (680.388 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)	24
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	Yes
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EU RoHS Directive	Compliant
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REACH Regulation	REACH Declaration
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Use Again

Repack and remanufacture

Circularity Profile	No need of specific recycling operations
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Take-back	No
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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 80A

Compatible with Homeline electrical panel and CSEDs with 2 spaces





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

