

# Product data sheet

Specifications

SQUARE D



Load center, Homeline, 1 phase, 8 spaces, 16 circuits, 100A convertible main breaker, PoN, NEMA3R

HOM816M100PRB

**Product availability:** Stock - Normally stocked in distribution facility

## Main

Product Type	Load Center
Marketing Trade Name	Homeline
Load Center Type	PoN Convertible Mains (breaker)
Rated Current	100 A
Number of Spaces	8
Maximum Number of Single Pole Circuits	16
Enclosure Rating	NEMA 3R weatherproof enclosure
Cover Type	Surface cover
Electrical Connection	Lugs
Provided Equipment	Circuit-breaker 1) 2P 100 A 120/240 V CA main supply ready assembled

## Complementary

Max Short Circuit Current Rating	22 kA
Maximum Number of Tandem Breakers	8
Number of Phases	1 phase 3 wires
Voltage Rating	120/240 V AC
Wire Size	AWG 6...AWG 2/0 aluminium AWG 6...AWG 1 copper
Ground Bar	Grounding bar (ordered separately)
Busbar Material	Tin plated aluminium: busbar
Enclosure Material	Welded galvannealed steel
Surface Finish	Baked enamel Gray
Box Number	3R
Bus Rated Current	125.0 A
Height	18.9 in (481 mm)
Width	14.8 in (375 mm)
Depth	4.5 in (115 mm)

## Environment

Ambient Air Temperature for Operation	23 °F (-5 °C) 104 °F (40 °C)
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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.

## Ordering and shipping details

Category	US1DE3C00149
Discount Schedule	DE3C
GTIN	785901974024
Returnability	Yes
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.00 in (12.700 cm)
Package 1 Width	15.50 in (39.370 cm)
Package 1 Length	20.60 in (52.324 cm)
Package weight(Lbs)	23.111 lb(US) (10.483 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	45
Package 2 Height	49.00 in (124.460 cm)
Package 2 Width	40.00 in (101.600 cm)
Package 2 Length	48.00 in (121.920 cm)
Package 2 Weight	1018.999 lb(US) (462.210 kg)



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) **52**

Environmental Disclosure [Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **No**

EU RoHS Directive **Under investigation**

REACH Regulation [REACH Declaration](#)

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 Again

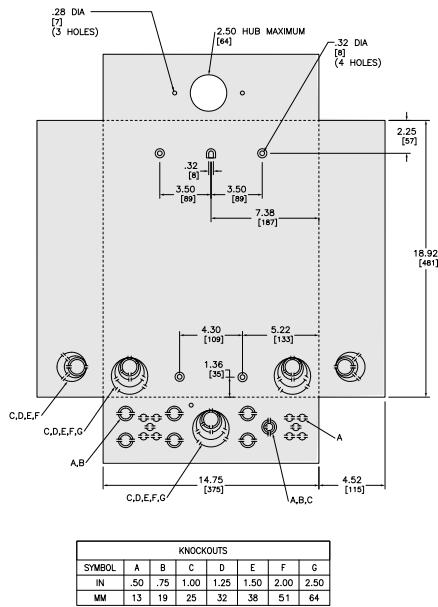
### Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**

## Technical Illustration

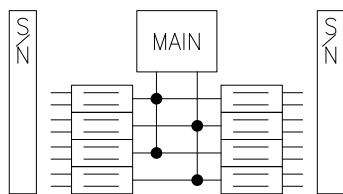
## Dimensions



ALL DIMENSIONS ARE APPROXIMATE.  
ALSO REFER TO TECHNICAL DRAWINGS AND DOCUMENTATION.

Technical Illustration

Wiring diagram



HOM816M100PRB  
HOM816M125PRB