

# Product data sheet

Specifications

SQUARE D



Load center, Homeline, 1 phase, 8 spaces, 16 circuits, 125A convertible main lugs, PoN, NEMA3R

HOM816L125PRB

Product availability: Stock - Normally stocked in distribution facility

## Main

|  |                                |
|--|--------------------------------|
| Product Type                           | Load Center                    |
| Marketing Trade Name                   | Homeline                       |
| Load Center Type                       | PoN Convertible Mains (lugs)   |
| Rated Current                          | 125 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                           |

## Complementary

|                                   |   |
|-----------------------------------|---|
| Max Short Circuit Current Rating  | 10 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<br>AWG 6...AWG 1 copper |
| Ground Bar                        | Grounding bar (ordered separately)                |
| Busbar Material                   | Tin plated aluminium: busbar                      |
| Enclosure Material                | Welded galvanized 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)<br>104 °F (40 °C) |
| Product Certifications                | UL listed file E-6294           |

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              | 785901973997 |
| 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              | 15.40 in (39.116 cm)         |
| Package 1 Length             | 20.70 in (52.578 cm)         |
| Package weight(Lbs)          | 21.021 lb(US) (9.535 kg)     |
| Unit Type of Package 2       | PAL                          |
| Number of Units in Package 2 | 45                           |
| Package 2 Height             | 44.00 in (111.760 cm)        |
| Package 2 Width              | 40.00 in (101.600 cm)        |
| Package 2 Length             | 48.00 in (121.920 cm)        |
| Package 2 Weight             | 927.0005 lb(US) (420.480 kg) |

## 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) 48

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](http://www.P65Warnings.ca.gov)

## Use Again

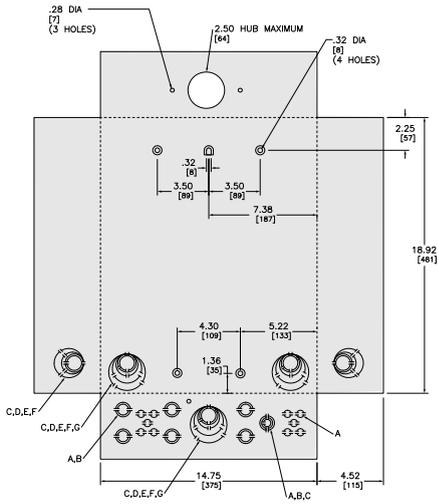
### Repack and remanufacture

Circularity Profile No need of specific recycling operations

Take-back No

Technical Illustration

Dimensions



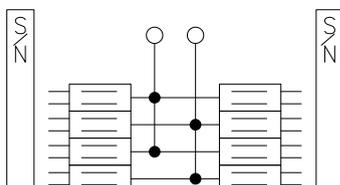
| KNOCKOUTS |     |     |      |      |      |      |      |
|-----------|-----|-----|------|------|------|------|------|
| SYMBOL    | A   | B   | C    | D    | E    | F    | G    |
| IN        | .50 | .75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 |
| MM        | 13  | 19  | 25   | 32   | 38   | 51   | 64   |

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

Technical Illustration

Wiring diagram

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HOM816L125PRB

Image of product / Alternate images

Alternative

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