# Product data sheet

Specifications



## Load center, Homeline, 1 phase, 20 spaces, 40 circuits, 100A convertible main breaker, PoN, NEMA1, value pack

HOM2040M100PCVP

**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** | 20 |
| **Maximum Number of Single Pole Circuits** | 40 |
| **Enclosure Rating** | NEMA 1 indoor enclosure |
| **Cover Type** | Combination flush/surface cover |
| **Electrical Connection** | Lugs |
| **Provided Equipment** | Circuit-breaker 2) 1P 20 A 120/240 V AC<br>Circuit-breaker 1) 2P 100 A 120/240 V AC main supply ready assembled<br>Circuit-breaker 1) 2P 30 A 120/240 V AC |

## Complementary

| | |
|---|---|
| **Max Short Circuit Current Rating** | 22 kA |
| **Maximum Number of Tandem Breakers** | 20 |
| **Number of Phases** | 1 phase 3 wires |
| **Voltage Rating** | 120/240 V AC |
| **Wire Size** | AWG 6...AWG 1 aluminium<br>AWG 6...AWG 3 copper |
| **Busbar Material** | Tin plated aluminium: busbar |
| **Enclosure Material** | Welded sheet steel |
| **Surface Finish** | Baked enamel Gray |
| **Box Number** | 7 |
| **Bus Rated Current** | 125.0 A |
| **Height** | 20.9 in (531 mm) |
| **Width** | 14.3 in (362 mm) |
| **Depth** | 3.7 in (95 mm) |

## Environment

| | |
|---|---|
| **Ambient Air Temperature for Operation** | 23 °F (-5 °C)<br>104 °F (40 °C) |

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

| | |
|---|---|
| **Product Certifications** | UL listed file E-6294 |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1DE3C00185 |
| **Discount Schedule** | DE3C |
| **GTIN** | 785901977339 |
| **Returnability** | Yes |
| **Country of origin** | US |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 5.700 in (14.478 cm) |
| **Package 1 Width** | 16.200 in (41.148 cm) |
| **Package 1 Length** | 23.500 in (59.690 cm) |
| **Package weight(Lbs)** | 22.769 lb(US) (10.328 kg) |
| **Unit Type of Package 2** | PAL |
| **Number of Units in Package 2** | 35 |
| **Package 2 Height** | 40.000 in (101.600 cm) |
| **Package 2 Width** | 40.000 in (101.600 cm) |
| **Package 2 Length** | 45.000 in (114.300 cm) |
| **Package 2 Weight** | 784.000 lb(US) (355.616 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 | **55 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **51 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **3 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0.1 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 | **No** |
| EU RoHS Directive | **Compliant** |
| REACh Regulation | **Free of 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** |

## Use Longer

### Lifetime extension

| | |
|---|---|
| Repair | **No** |

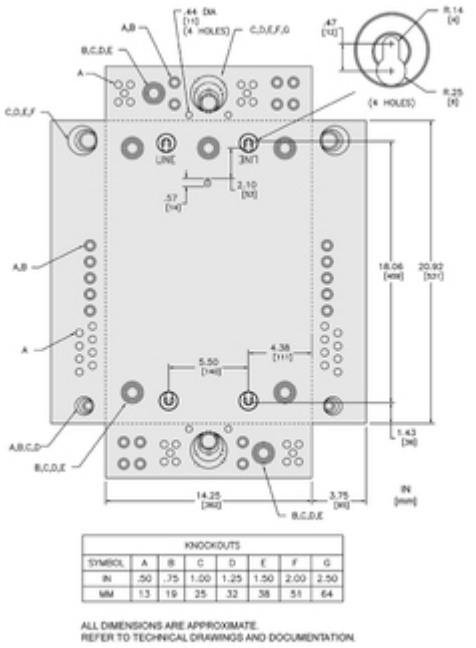
## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **89** |
| Circularity Profile | **No need of specific recycling operations** |
| Take-back | **No** |

Technical Illustration

**Dimensions**

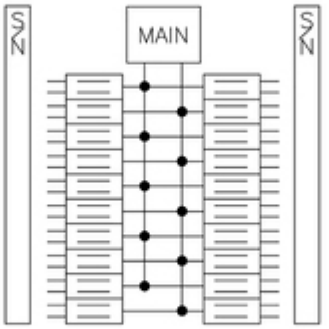



| KNOCKOUTS | | | | | | | |
|---|---|---|---|---|---|---|---|
| SYMBOL | A | B | C | D | E | F | G |
| IN | .50 | .75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 |
| MM | 13 | 19 | 25 | 32 | 38 | 51 | 64 |

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

Technical Illustration

**Wiring diagram**




HOM2040M100PC

Image of product / Alternate images

**Alternative**

