# Product data sheet

Specifications



## Load center, QO, 1 phase, 12 spaces, 24 circuits, 125A convertible main lugs, PoN, NEMA3R, gnd bar

QO112L125PGRB

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

## Main

| | |
|---|---|
| **Marketing Trade Name** | QO |
| **Product Type** | Load Center |
| **Cover Type** | Surface cover |
| **Provided Equipment** | Grounding bar |

## Complementary

| | |
|---|---|
| **Tightening Torque** | Main lugs 50 lb.in, AWG 6...AWG 2/0, aluminium/copper |
| **PoN Convertible Mains (lugs)** | PoN Convertible Mains (lugs) |
| **Rated Current** | 125 A |
| **Number of Spaces** | 12 |
| **Max Short Circuit Current Rating** | 65 kA |
| **Maximum Number of Single Pole Circuits** | 24 |
| **Maximum Number of Tandem Breakers** | 12 |
| **Number of Phases** | 1 phase 3 wires |
| **Voltage Rating** | 120/240 V AC |
| **Wire Size** | AWG 14...AWG 1/0 copper<br>AWG 12...AWG 1/0 aluminium |
| **Mounting Mode** | Vertical |
| **Ground Bar** | Grounding bar included (not installed) |
| **Electrical Connection** | Lugs |
| **Busbar Material** | Tin plated copper: busbar |
| **Enclosure Material** | Welded galvannealed steel |
| **Surface Finish** | Baked enamel Gray |
| **Box Number** | 3R |
| **Height** | 18.9 in (481 mm) |
| **Width** | 14.8 in (375 mm) |
| **Depth** | 4.5 in (115 mm) |
| **Product Weight** | 20.371 lb(US) (9.240 kg) |

## Environment

| | |
|---|---|
| **Enclosure Rating** | NEMA 3R weatherproof enclosure |

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

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

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1DE3A10002 |
| **Discount Schedule** | DE3A |
| **GTIN** | 785901593621 |
| **Returnability** | Yes |
| **Country of origin** | MX |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 4.5 in (11.5 cm) |
| **Package 1 Width** | 14.8 in (37.5 cm) |
| **Package 1 Length** | 18.9 in (48.1 cm) |
| **Package weight(Lbs)** | 15.0003 lb(US) (6.804 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 | **37 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **34 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **2 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] | **0.6 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** |

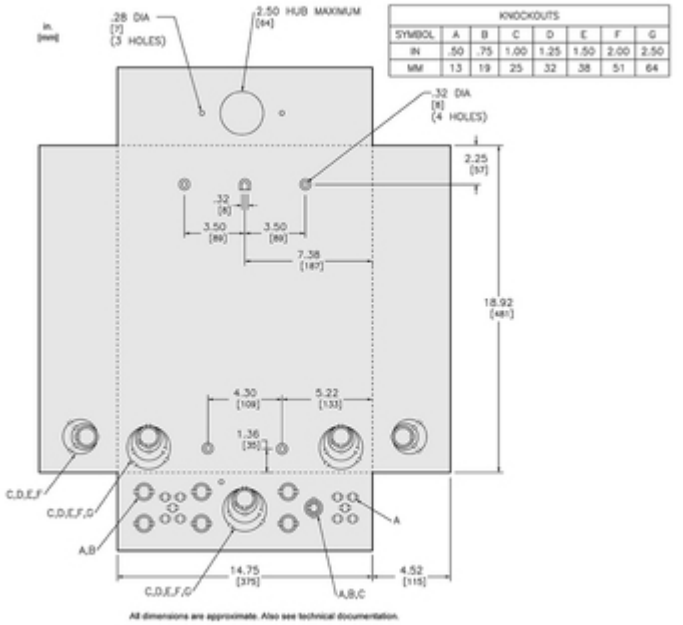
## Use Again

### Repack and remanufacture

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

Technical Illustration

**Dimensions**



Technical Illustration

## Wiring diagram

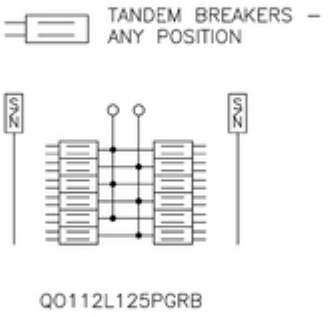


Image of product / Alternate images

**Alternative**







