

# Product data sheet

Specifications

SQUARE D



Load center, QO, 1 phase, 42 spaces, 52 circuits, 225A convertible main lugs, PoN, NEMA3R, gnd bar

QO142L225PGRB

Product availability: Stock - Normally stocked in distribution facility

## Main

|                      |               |
|----------------------|---------------|
| Marketing Trade Name | QO            |
| Product Type         | Load Center   |
| Cover Type           | Surface cover |

## Complementary

|  |  |
|--|--|
| Tightening Torque                      | Main lugs 250 lb.in, AWG 4...250 kcmil, aluminium/copper |
| PoN Convertible Mains (lugs)           | PoN Convertible Mains (lugs)                             |
| Rated Current                          | 225 A  |
| Number of Spaces                       | 42   |
| Max Short Circuit Current Rating       | 65 kA  |
| Maximum Number of Single Pole Circuits | 52   |
| Maximum Number of Tandem Breakers      | 10   |
| Number of Phases                       | 1 phase 3 wires  |
| Wire Size                              | AWG 6...300 kcmil aluminium/copper                       |
| Ground Bar                             | Grounding bar included (not installed)                   |
| Electrical Connection                  | Lugs   |
| Busbar Material                        | Tin plated copper: busbar                                |
| Enclosure Material                     | Welded galvanized steel                                  |
| Surface Finish                         | Baked enamel Gray  |
| Box Number                             | 8R   |
| Height                                 | 38.0 in (965 mm)   |
| Width                                  | 14.8 in (375 mm)   |

## Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Enclosure Rating                      | NEMA 3R weatherproof enclosure  |
| Ambient Air Temperature for Operation | 23 °F (-5 °C)<br>104 °F (40 °C) |
| Product Certifications                | UL Listed                       |

## Ordering and shipping details

|          |              |
|----------|--------------|
| Category | US1DE3A10002 |
|----------|--------------|

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

|                          |              |
|--------------------------|--------------|
| <b>Discount Schedule</b> | DE3A         |
| <b>GTIN</b>              | 785901233657 |
| <b>Returnability</b>     | Yes          |
| <b>Country of origin</b> | MX           |

## Packing Units

|                                     |                           |
|-------------------------------------|---------------------------|
| <b>Unit Type of Package 1</b>       | PCE                       |
| <b>Nbr. of units in pkg.</b>        | 1                         |
| <b>Package 1 Height</b>             | 5.00 in (12.7 cm)         |
| <b>Package 1 Width</b>              | 15.50 in (39.37 cm)       |
| <b>Package 1 Length</b>             | 40.00 in (101.6 cm)       |
| <b>Package weight(Lbs)</b>          | 20.90 lb(US) (9.48 kg)    |
| <b>Unit Type of Package 2</b>       | PAL                       |
| <b>Number of Units in Package 2</b> | 21                        |
| <b>Package 2 Height</b>             | 40.00 in (101.6 cm)       |
| <b>Package 2 Width</b>              | 42.00 in (106.68 cm)      |
| <b>Package 2 Length</b>             | 48.00 in (121.92 cm)      |
| <b>Package 2 Weight</b>             | 905.81 lb(US) (410.87 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) | 73 |
|--|----|

|                          |   |
|--------------------------|---|
| Environmental Disclosure | <a href="#">Product Environmental Profile</a> |
|--------------------------|---|

## Use Better

### Materials and Substances

|  |    |
|--|----|
| Packaging made with recycled cardboard | No |
|--|----|

|                                      |    |
|--------------------------------------|----|
| Packaging without single use plastic | No |
|--------------------------------------|----|

|                   |                     |
|-------------------|---------------------|
| EU RoHS Directive | Under investigation |
|-------------------|---------------------|

|                  |                                   |
|------------------|-----------------------------------|
| REACH Regulation | <a href="#">REACH Declaration</a> |
|------------------|-----------------------------------|

|                           |  |
|---------------------------|--|
| California proposition 65 | <b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
|---------------------------|--|

## Use Again

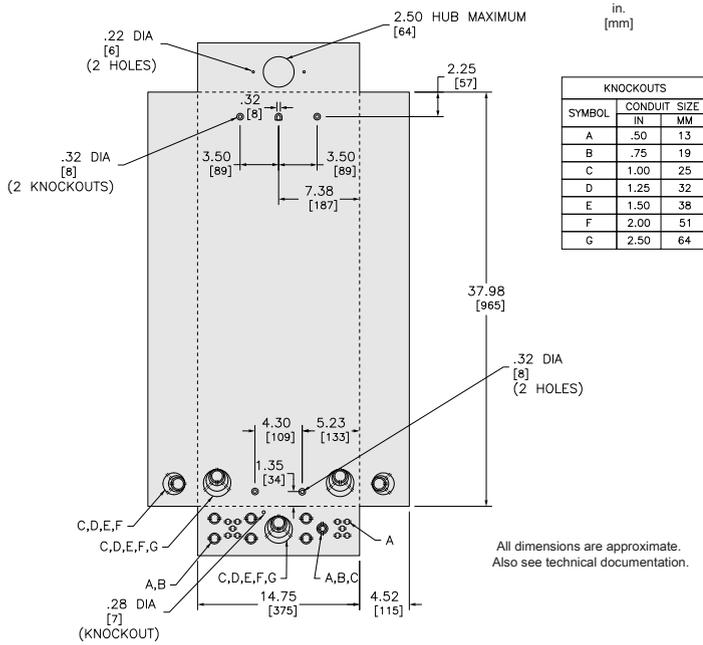
### Repack and remanufacture

|                     |  |
|---------------------|--|
| Circularity Profile | No need of specific recycling operations |
|---------------------|--|

|           |    |
|-----------|----|
| Take-back | No |
|-----------|----|

Technical Illustration

Dimensions



Technical Illustration

Wiring diagram

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