

# Product data sheet

## Characteristics

# QO612L100DF

Load center, QO, 1 phase, 6 spaces, 12 circuits, 100A fixed main lugs, NEMA1, door flush cover, UL



### Main

|                      |                       |
|----------------------|-----------------------|
| Marketing Trade Name | QO                    |
| Product Type         | Load Center           |
| Cover Type           | Flush cover with door |

### Complementary

|                                        |                                                                                                      |
|----------------------------------------|------------------------------------------------------------------------------------------------------|
| Tightening Torque                      | Main lugs 50 lb.in, AWG 8, aluminium/copper<br>Main lugs 50 lb.in, AWG 6...AWG 1/0, aluminium/copper |
| PoN Convertible Mains (lugs)           | Fixed Mains (lugs)                                                                                   |
| Rated Current                          | 100 A                                                                                                |
| Number of Spaces                       | 6                                                                                                    |
| Max Short Circuit Current Rating       | 10 kA                                                                                                |
| Maximum Number of Single Pole Circuits | 12                                                                                                   |
| Maximum Number of Tandem Breakers      | 6                                                                                                    |
| Number of Phases                       | 1 phase                                                                                              |
| Voltage Rating                         | 120/240 V AC                                                                                         |
| Wire Size                              | AWG 8...AWG 1 aluminium/copper                                                                       |
| Ground Bar                             | Grounding bar (ordered separately)                                                                   |
| Electrical Connection                  | Lugs                                                                                                 |
| Wiring Configuration                   | 3-wire                                                                                               |
| Busbar Material                        | Tin plated aluminium: busbar                                                                         |
| Enclosure Material                     | Welded sheet steel                                                                                   |
| Surface Finish                         | Baked enamel Gray                                                                                    |
| Box Number                             | 4                                                                                                    |
| Height                                 | 12.56 in (319 mm)                                                                                    |
| Width                                  | 8.90 in (226 mm)                                                                                     |
| Depth                                  | 3.74 in (95 mm)                                                                                      |

### Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Enclosure Rating                      | NEMA 1 indoor                   |
| Ambient Air Temperature for Operation | 23 °F (-5 °C)<br>104 °F (40 °C) |
| Product Certifications                | UL Listed                       |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Ordering and shipping details

|                   |                                  |
|-------------------|----------------------------------|
| Category          | 00101-QO 1PH LC,2-8CKT,NEMA 1,3R |
| Discount Schedule | DE3A                             |
| GTIN              | 785901785644                     |
| Returnability     | Yes                              |
| Country of origin | MX                               |

## Packing Units

|                              |                            |
|------------------------------|----------------------------|
| Unit Type of Package 1       | PCE                        |
| Number of Units in Package 1 | 1                          |
| Package 1 Height             | 4.30 in (10.922 cm)        |
| Package 1 Width              | 10.70 in (27.178 cm)       |
| Package 1 Length             | 14.30 in (36.322 cm)       |
| Package 1 Weight             | 8.28 lb(US) (3.756 kg)     |
| Unit Type of Package 2       | PAL                        |
| Number of Units in Package 2 | 78                         |
| Package 2 Height             | 34.00 in (86.36 cm)        |
| Package 2 Width              | 40.00 in (101.6 cm)        |
| Package 2 Length             | 48.00 in (121.92 cm)       |
| Package 2 Weight             | 686.00 lb(US) (311.164 kg) |

## Offer Sustainability

|                            |                                                                                                                                                                                                                                                                                             |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                                                                                                                                                                                       |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                                                                                                                                                                                           |
| EU RoHS Directive          | Compliant with Exemptions                                                                                                                                                                                                                                                                   |
| Mercury free               | Yes                                                                                                                                                                                                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS Declaration</a>                                                                                                                                                                                                                                                      |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                                                                                                                                                                                         |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                                                                                                                                                                                               |
| Circularity Profile        | No need of specific recycling operations                                                                                                                                                                                                                                                    |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|