# Product data sheet

Specifications



## Panelboard interior, NQ, main lugs, 100A, Cu bus, 30 pole spaces, 3 phase, 4 wire, 240VAC, 48VDC

NQ430L1C

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

## Main

| | |
|---|---|
| **Product Type** | Interiors |
| **Panelboard Type** | Main lugs |
| **Branch Circuit Breaker Type** | QOB<br>QOB-VH<br>QHB |
| **Busbar Material** | Copper |

## Complementary

| | |
|---|---|
| **Number of spaces** | 30 |
| **Enclosure Nominal Height** | 32 in (812.8 mm) |
| **Enclosure Nominal Width** | 20 in (508 mm) |
| **Enclosure Nominal Depth** | 5.75 in (146.05 mm) NEMA 1<br>6.5 in (165.1 mm) NEMA 3R/12 |
| **Line Rated Current** | 100 A |
| **[Iu] rated interrupted current** | 10 kA<br>22 kA<br>65 kA |
| **Number of Phases** | 3 phase 4 wires |
| **Voltage Rating** | 240 V AC<br>48 V DC |
| **Connections - terminals** | Lug line AWG 6...AWG 2/0 aluminium<br>Lug neutral AWG 6...AWG 2/0 aluminium |
| **Tightening torque** | 40.005…50.007 lbf.in (4.52…5.65 N.m) 0.02…0.10 in² (13.30…67.43 mm²) (AWG 6...AWG 2/0)<br>100.01 lbf.in (11.3 N.m) 0.02…0.10 in² (13.30…67.43 mm²) (AWG 6...AWG 2/0)<br>274.99 lbf.in (31.07 N.m) 0.02…0.3 in² (13.30…177.3 mm²) (AWG 6...350 kcmil)<br>274.99 lbf.in (31.07 N.m) 0.02…0.2 in² (13.30…126.7 mm²) (AWG 6...250 kcmil)<br>274.99 lbf.in (31.07 N.m) 0.2…0.2 in² (107.2…152 mm²) (AWG 4...300 kcmil) |
| **Height** | 27 in (685.8 mm) |
| **Width** | 10.44 in (265.18 mm) |

## Environment

| | |
|---|---|
| **Standards** | UL<br>CSA |

## Ordering and shipping details

| | |
|---|---|
| **Category** | US1PE1A09151 |
| **Discount Schedule** | PE1A |

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

| | |
|---|---|
| **GTIN** | 785901507475 |
| **Returnability** | Yes |
| **Country of origin** | MX |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Nbr. of units in pkg.** | 1 |
| **Package 1 Height** | 6.500 in (16.510 cm) |
| **Package 1 Width** | 14.200 in (36.068 cm) |
| **Package 1 Length** | 32.400 in (82.296 cm) |
| **Package weight(Lbs)** | 17.079 lb(US) (7.747 kg) |
| **Unit Type of Package 2** | PAL |
| **Number of Units in Package 2** | 18 |
| **Package 2 Height** | 43.000 in (109.220 cm) |
| **Package 2 Width** | 42.000 in (106.680 cm) |
| **Package 2 Length** | 48.000 in (121.920 cm) |
| **Package 2 Weight** | 339.999 lb(US) (154.221 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 | **72 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **52 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **2 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0.1 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **18 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| 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: Nickel compounds, which is known to the State of California to cause cancer, and Bisphenol A (BPA), which is known to the State of California to cause 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 % | **91** |
| Circularity Profile | **No need of specific recycling operations** |
| Take-back | **No** |