

# Product data sheet

Specifications



Panelboard interior, NF, main lugs, 125A, Al bus, 18 pole spaces, 3 phase, 4 wire, 600Y/347VAC max

NF418L1

## Main

|                             |             |
|-----------------------------|-------------|
| Panelboard Type             | Main lugs   |
| Branch Circuit Breaker Type | EDB/EDG/EDJ |
| Busbar Material             | Aluminium   |

## Complementary

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number Of Spaces               | 18                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Enclosure Nominal Height       | 26 in (660.40 mm)<br>38 in (965.20 mm)                                                                                                                                                                                                                                                                                                                                                                                                 |
| Enclosure Nominal Width        | 20 in (508.00 mm)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Enclosure Nominal Depth        | 5.75 in (146.05 mm) NEMA 1<br>6.5 in (165.10 mm) NEMA 3R/5/12                                                                                                                                                                                                                                                                                                                                                                          |
| [In] Rated Current             | 125 A                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| [Iu] Rated Interrupted Current | 65 kA                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Wiring Configuration           | 4-wire                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Number Of Phases               | 3 phases                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Voltage Rating                 | 600Y/347 V AC                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Connections - Terminals        | Lug line AWG 6...AWG 2/0 aluminum/copper<br>Lug neutral AWG 6...AWG 2/0 aluminum                                                                                                                                                                                                                                                                                                                                                       |
| Tightening Torque              | 40.01...50.01 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...0.27 in² (13.30...177.3 mm²) AWG 6...350 kcmil)<br>274.99 lbf.in (31.07 N.m) 0.02...0.20 in² (13.30...126.7 mm²) AWG 6...250 kcmil)<br>274.99 lbf.in (31.07 N.m) 0.17...0.24 in² (107.2...152 mm²) AWG 4...300 kcmil) |
| Height                         | 21 in (533.40 mm)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Width                          | 10.44 in (265.18 mm)                                                                                                                                                                                                                                                                                                                                                                                                                   |

## Environment

|           |                    |
|-----------|--------------------|
| Standards | CSA C22.2<br>UL 67 |
|-----------|--------------------|

## Packing Units

|                              |                    |
|------------------------------|--------------------|
| Unit Type Of Package 1       | PCE                |
| Number Of Units In Package 1 | 1                  |
| Package 1 Height             | 6.42 in (16.3 cm)  |
| Package 1 Width              | 13.82 in (35.1 cm) |

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

|                  |                        |
|------------------|------------------------|
| Package 1 Length | 26.30 in (66.8 cm)     |
| Package 1 Weight | 14.29 lb(US) (6.48 kg) |

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency   RoHS/REACH

## Well-being performance

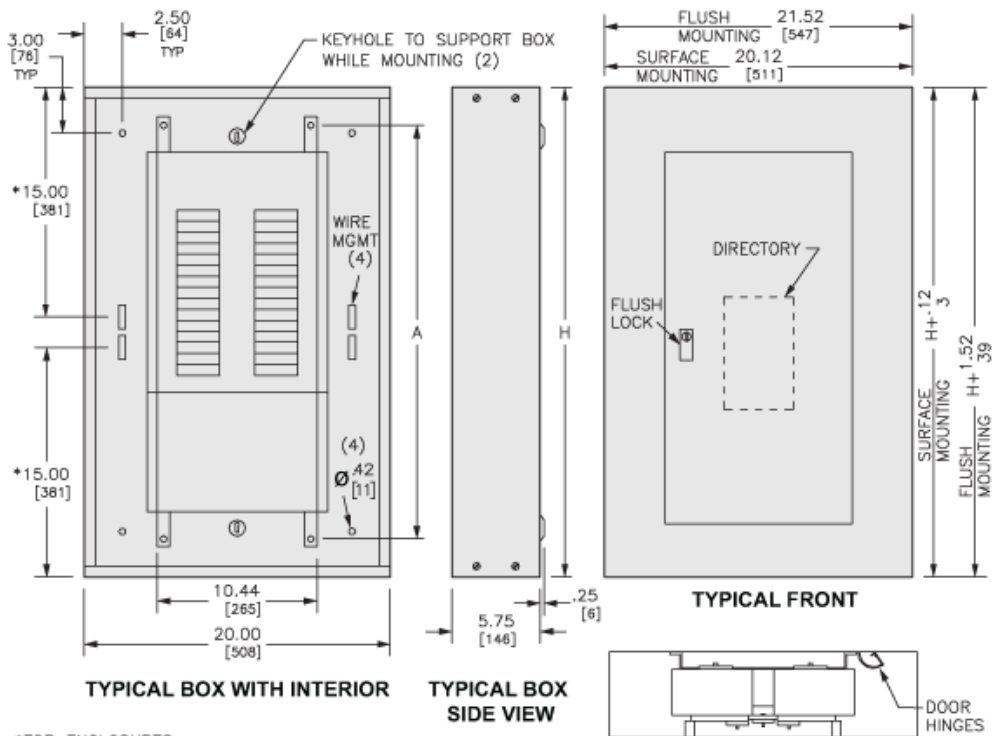
|   |                            |     |
|---|----------------------------|-----|
| ✓ | Reach Free Of Svhc         |     |
| ✓ | Toxic Heavy Metal Free     |     |
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |

## Certifications & Standards

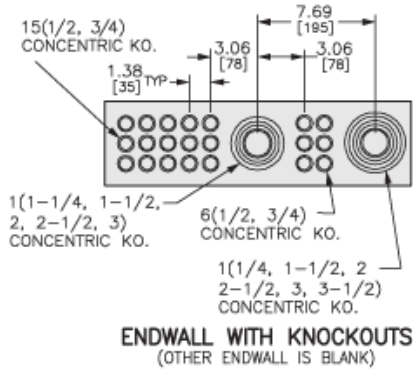
|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                |
| Eu Rohs Directive        | Compliant<br><a href="#">EU RoHS Declaration</a> |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a>           |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>    |
| Circularity Profile      | No need of specific recycling operations         |

Dimensions Drawings

Approximate Dimensions



\*FOR ENCLOSURES WHERE DIMENSION "H" IS 26.00/[660], THIS DIMENSION IS 11.00/[279]



| MAXIMUM MAIN LUG AMPERE RATING | MAXIMUM NUMBER OF CIRCUITS | H     |      | A     |      |
|--------------------------------|----------------------------|-------|------|-------|------|
|                                |                            | IN    | MM   | IN    | MM   |
| 125                            | 18                         | 26.00 | 660  | 21.00 | 533  |
|                                | 30                         | 32.00 | 813  | 27.00 | 686  |
|                                | 42                         | 38.00 | 965  | 33.00 | 838  |
|                                | 54                         | 44.00 | 1118 | 39.00 | 991  |
| 250                            | 30                         | 38.00 | 965  | 33.00 | 838  |
|                                | 42                         | 44.00 | 1118 | 39.00 | 991  |
|                                | 54                         | 50.00 | 1270 | 45.00 | 1143 |
|                                | 66                         | 62.00 | 1575 | 57.00 | 1448 |
| 125 WITH SUB-FEED LUGS         | 18                         | 26.00 | 660  | 21.00 | 533  |
|                                | 30                         | 32.00 | 813  | 27.00 | 686  |
|                                | 42                         | 38.00 | 965  | 33.00 | 838  |
|                                | 54                         | 44.00 | 1118 | 39.00 | 991  |
| 250 WITH SUB-FEED LUGS         | 30                         | 38.00 | 965  | 33.00 | 838  |
|                                | 42                         | 44.00 | 1118 | 39.00 | 991  |
|                                | 54                         | 50.00 | 1270 | 45.00 | 1143 |
|                                | 66                         | 62.00 | 1575 | 57.00 | 1448 |
| 125 WITH FEED-THRU LUGS        | 18                         | 32.00 | 813  | 27.00 | 686  |
|                                | 30                         | 38.00 | 965  | 33.00 | 838  |
|                                | 42                         | 44.00 | 1118 | 39.00 | 991  |
|                                | 54                         | 50.00 | 1270 | 45.00 | 1143 |
| 250 WITH FEED-THRU LUGS        | 30                         | 50.00 | 1270 | 45.00 | 1143 |
|                                | 42                         | 56.00 | 1422 | 51.00 | 1295 |
|                                | 54                         | 62.00 | 1575 | 57.00 | 1448 |
|                                | 66                         | 74.00 | 1880 | 69.00 | 1753 |
| 250 WITH SUB-FEED BREAKERS     | 30                         | 56.00 | 1422 | 51.00 | 1295 |
|                                | 42                         | 62.00 | 1575 | 57.00 | 1448 |
|                                | 54                         | 68.00 | 1727 | 63.00 | 1600 |
|                                | 66                         | 74.00 | 1880 | 69.00 | 1753 |