Product data sheet

Specifications



Panelboard interior, NF, main lugs, 250A, Al bus, 42 pole spaces, 3 phase, 4 wire, 600Y/347VAC max

NF442L2

Product availability: Stock - Normally stocked in distribution facility

Main

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

Complementary

Number of spaces	42
Enclosure Nominal Height	56 in (1422.4 mm) 44 in (1117.6 mm)
Enclosure Nominal Width	20 in (508 mm)
Enclosure Nominal Depth	5.75 in (146.05 mm) NEMA 1 6.5 in (165.1 mm) NEMA 3R/12
Line Rated Current	250 A
[Iu] rated interrupted current	65 kA
Number of Phases	3 phase 4 wires
Voltage Rating	600Y/347 V AC
Connections - terminals	Lug line 6 AWG...350 kcmil aluminium Lug neutral 6 AWG...350 kcmil 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) (6 AWG...2/0 AWG) 100 lbf.in (11.3 N.m) 0.02…0.10 in² (13.30…67.43 mm²) (6 AWG...2/0 AWG) 274.99 lbf.in (31.07 N.m) 0.02…0.3 in² (13.30…177.3 mm²) (6 AWG...350 kcmil) 274.99 lbf.in (31.07 N.m) 0.02…0.2 in² (13.30…126.7 mm²) (6 AWG...250 kcmil) 274.99 lbf.in (31.07 N.m) 0.2…0.2 in² (107.2…152 mm²) (4 AWG...300 kcmil)
Height	39 in (990.6 mm)
Width	10.44 in (265.18 mm)
Net Weight	35.009 lb(US) (15.88 kg)

Environment

Standards	UL 67 CSA C22.2

Ordering and shipping details

Category	US1PE1A08350
Discount Schedule	PE1A
GTIN	785901871569
Returnability	Yes
Country of origin	MX

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.300 in (16.002 cm)
Package 1 Width	14.000 in (35.560 cm)
Package 1 Length	44.200 in (112.268 cm)
Package weight(Lbs)	21.530 lb(US) (9.766 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	15
Package 2 Height	35.000 in (88.900 cm)
Package 2 Width	40.000 in (101.600 cm)
Package 2 Length	60.000 in (152.400 cm)
Package 2 Weight	354.0010 lb(US) (160.572 kg)
Unit Type of Package 3	S35
Number of Units in Package 3	15
Package 3 Height	35.000 in (88.900 cm)
Package 3 Width	40.000 in (101.600 cm)
Package 3 Length	60.000 in (152.400 cm)
Package 3 Weight	354.0010 lb(US) (160.572 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	**461 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**299 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**13 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**4 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**33 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**112 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 Again

Repack and remanufacture

Recyclability potential, in %	**94**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

Approximate Dimensions