Product data sheet

Specifications



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

NF442L2C

Product availability: Stock - Normally stocked in distribution facility

Main

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

Complementary

Number of spaces	42
Enclosure Nominal Height	44 in (1117.6 mm) 56 in (1422.4 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	39.99 lb(US) (18.14 kg)

Environment

Standards	UL 67 CSA C22.2

Ordering and shipping details

Category	US1PE1A08350
Discount Schedule	PE1A
GTIN	785901871576
Returnability	Yes

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

Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.200 in (15.748 cm)
Package 1 Width	13.900 in (35.306 cm)
Package 1 Length	44.500 in (113.030 cm)
Package weight(Lbs)	25.300 lb(US) (11.476 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	15
Package 2 Height	35.000 in (88.900 cm)
Package 2 Width	42.000 in (106.680 cm)
Package 2 Length	48.000 in (121.920 cm)
Package 2 Weight	427.999 lb(US) (194.137 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	**862 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**699 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**14 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**4 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**29 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**116 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**

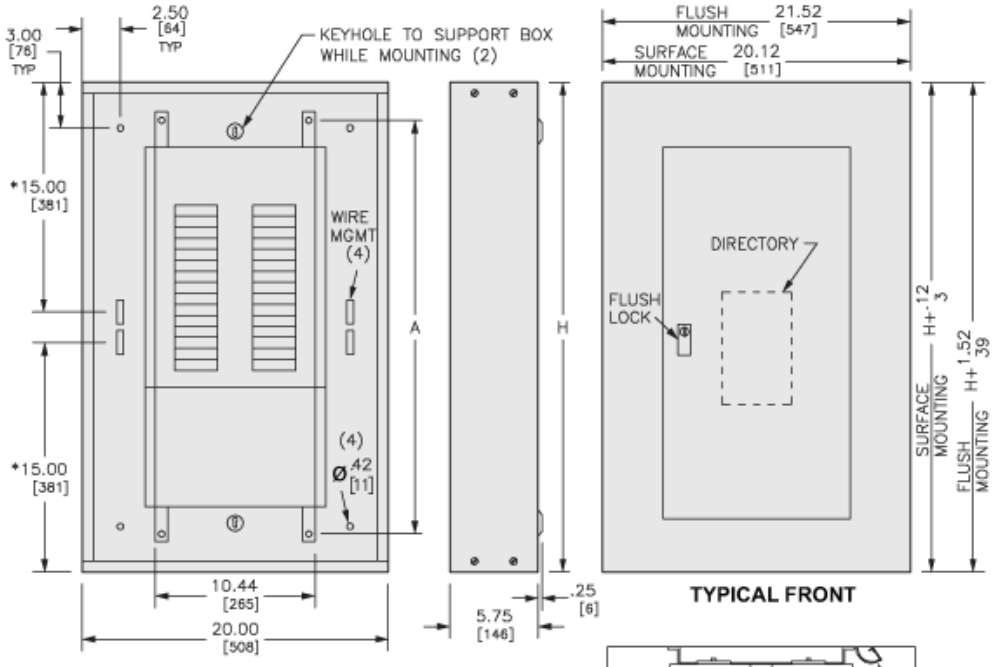
Use Again

Repack and remanufacture

Recyclability potential, in %	**1**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**

Dimensions Drawings

Approximate Dimensions



TYPICAL BOX WITH INTERIOR

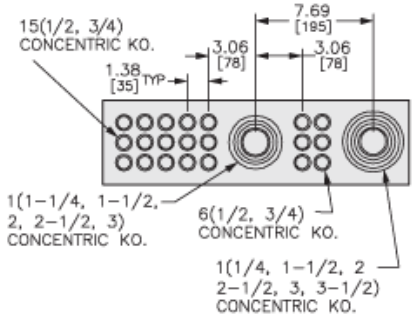
TYPICAL BOX SIDE VIEW

TYPICAL FRONT

TYPICAL MOUNTING OF EDB OR ECB-G3 BREAKERS

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

in. [mm]



ENDWALL WITH KNOCKOUTS
(OTHER ENDWALL IS BLANK)

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