Product data sheet

Specifications

Panelboard interior, NF, main lugs, 250A, Cu bus, Al neutral assembly, 54 pole spaces, 3 phase, 4 wire, 600Y/347VAC max

NF454L2C

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 3,021.00 USD

Main

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

Complementary

Number Of Spaces	54
Enclosure Nominal Height	56 in (1422.40 mm)
Enclosure Nominal Width	20 in (508.00 mm)
Enclosure Nominal Depth	5.75 in (146.05 mm) NEMA 1 6.5 in (165.10 mm) NEMA 3R/5/12
Line Rated Current	250 A
[Iu] Rated Interrupted Current	65 kA
Wiring Configuration	4-wire
Number Of Phases	3 phase
Voltage Rating	600Y/347 V AC
Connections - Terminals	Lug line AWG 6...350 kcmil aluminium Lug neutral AWG 6...350 kcmil aluminium
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) 100.01 lbf.in (11.3 N.m) 0.02…0.10 in² (13.30…67.43 mm²) (AWG 6...AWG 2/0) 274.99 lbf.in (31.07 N.m) 0.02…0.27 in² (13.30…177.3 mm²) (AWG 6...350 kcmil) 274.99 lbf.in (31.07 N.m) 0.02…0.20 in² (13.30…126.7 mm²) (AWG 6...250 kcmil) 274.99 lbf.in (31.07 N.m) 0.17…0.24 in² (107.2…152 mm²) (AWG 4...300 kcmil)
Height	45 in (1143.00 mm)
Width	10.44 in (265.18 mm)
Net Weight	34.00 lb(US) (15.42 kg)

Environment

Standards	CSA C22.2 UL 67

Ordering and shipping details

Category	US1PE1A08350

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

Discount Schedule	PE1A
Gtin	785901401209
Returnability	Yes
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.18 in (15.7 cm)
Package 1 Width	14.21 in (36.1 cm)
Package 1 Length	49.41 in (125.5 cm)
Package 1 Weight	34.00 lb(US) (15.422 kg)

Contractual warranty

Warranty	18 months

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_2 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

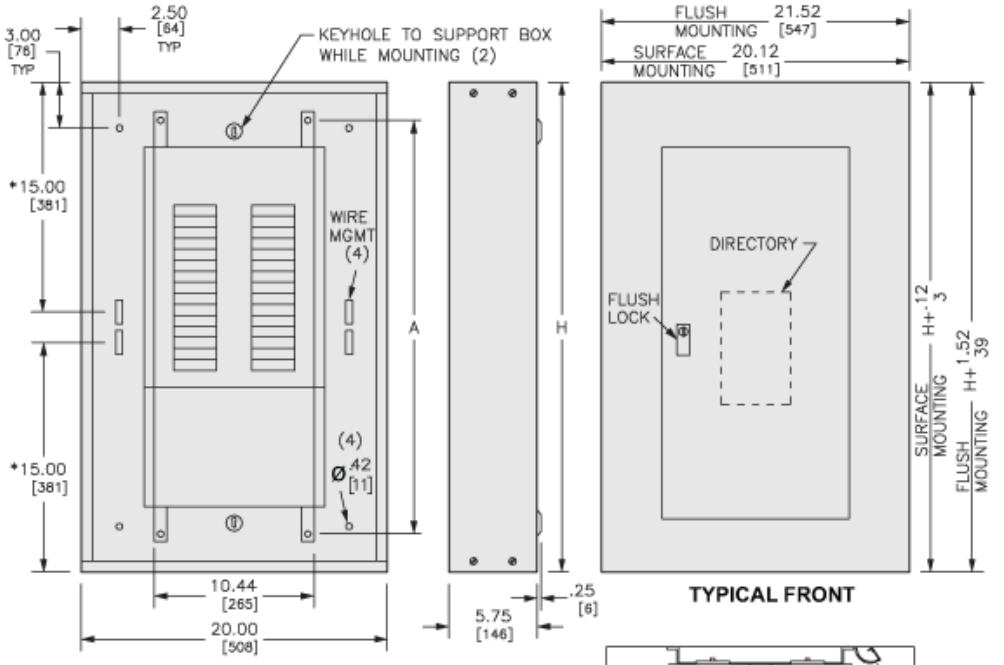
- Reach Free Of Svhc
- Toxic Heavy Metal Free
- Mercury Free
- Rohs Exemption Information — Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
Environmental Disclosure	Product Environmental Profile
Circularity Profile	No need of specific recycling operations
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

Dimensions Drawings

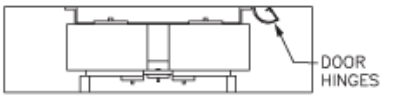
Approximate Dimensions



TYPICAL BOX WITH INTERIOR

TYPICAL BOX SIDE VIEW

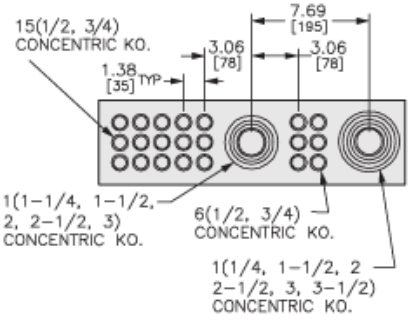
TYPICAL FRONT



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