

Product data sheet

Specifications

SQUARE D



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

NF442L6C

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	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	600 A
[Iu] rated interrupted current	65 kA
Number of Phases	3 phase 4 wires
Voltage Rating	600Y/347 V AC
Connections - terminals	Lug line 2 x AWG 1/0...2 x 750 kcmil aluminium/copper Lug neutral 2 x AWG 1/0...2 x 750 kcmil aluminium/copper
Tightening torque	274.99...300.04 lbf.in (31.07...33.90 N.m) 0.08...0.6 in² (53.48...380 mm²) (AWG 1/0...750 kcmil) 274.99...300.04 lbf.in (31.07...33.90 N.m) 0.08...0.3 in² (53.48...177.3 mm²) (AWG 1/0...350 kcmil) 549.98 lbf.in (62.14 N.m) 0.08...0.6 in² (53.48...380 mm²) (AWG 1/0...750 kcmil) 549.98 lbf.in (62.14 N.m) 0.08...0.2 in² (53.48...152 mm²) (AWG 1/0...300 kcmil) 375.006 lbf.in (42.37 N.m) 0.08...0.6 in² (53.48...380 mm²) (AWG 1/0...750 kcmil) 375.006 lbf.in (42.37 N.m) 0.08...0.2 in² (53.48...152 mm²) (AWG 1/0...300 kcmil)
Height	52 in (1320.8 mm)
Width	10.44 in (265.18 mm)
Product Weight	37.61 lb(US) (17.06 kg)

Environment

Standards	CSA C22.2 UL 67
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Ordering and shipping details

Category	US1PE1A08350
Discount Schedule	PE1A
GTIN	785901401216

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

Returnability	Yes
Country of origin	MX

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.3 in (16.0 cm)
Package 1 Width	14.09 in (35.8 cm)
Package 1 Length	56.2 in (142.7 cm)
Package weight(Lbs)	37.61 lb(US) (17.06 kg)
Unit Type of Package 2	PAL
Number of Units in Package 2	9
Package 2 Height	40.0 in (101.6 cm)
Package 2 Width	42.00 in (106.68 cm)
Package 2 Length	60.0 in (152.4 cm)
Package 2 Weight	351.316 lb(US) (159.354 kg)

Contractual warranty

Warranty (in months)	18
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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	343 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	250 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	45 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	42 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
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Use Again



Repack and remanufacture

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