

Product data sheet

Specifications



Panelboard interior, NF, main breaker, 225A, Cu bus, 42 pole spaces, 3 phase, 4 wire, 480Y/277VAC bolt on, J Frame

NF8442M2JDC

Product availability: Stock - Normally stocked in distribution facility

Main

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

Complementary

Number of spaces	42
Enclosure Nominal Height	85 in (2159 mm)
Enclosure Nominal Width	8.625 in (219.075 mm)
Enclosure Nominal Depth	5.65 in (143.51 mm) NEMA 1
Line Rated Current	225 A
[Iu] rated interrupted current	65 kA
Number of Phases	3 phase 4 wires
Voltage Rating	600Y/347 V AC
Tightening torque	40.005...50.007 lbf.in (4.52...5.65 N.m) 0.02...0.10 in ² (13.30...67.43 mm ²) (AWG 6...AWG 2/0) 100.01 lbf.in (11.3 N.m) 0.02...0.10 in ² (13.30...67.43 mm ²) (AWG 6...AWG 2/0) 274.99 lbf.in (31.07 N.m) 0.02...0.3 in ² (13.30...177.3 mm ²) (AWG 6...350 kcmil) 274.99 lbf.in (31.07 N.m) 0.02...0.2 in ² (13.30...126.7 mm ²) (AWG 6...250 kcmil) 274.99 lbf.in (31.07 N.m) 0.2...0.2 in ² (107.2...152 mm ²) (AWG 4...300 kcmil)
Height	71 in (1803.4 mm)
Width	10.44 in (265.18 mm)

Environment

Standards	CSA UL
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Ordering and shipping details

Category	US1PE1A08351
Discount Schedule	PE1A
GTIN	785901915881
Returnability	No
Country of origin	MX

Packing Units

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

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.7 in (14.4 cm)
Package 1 Width	8.7 in (22.0 cm)
Package 1 Length	85.04 in (216.0 cm)
Package weight(Lbs)	84.99 lb(US) (38.55 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	719 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	565 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	11 kg CO2 eq.
Carbon footprint of the installation phase [A5]	3 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]	94 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

Use Again

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