

Product data sheet

Specifications

SQUARE D



Panelboard interior, NF, main lugs, 125A, Cu bus, 30 pole spaces, 3 phase, 4 wire, 480Y/277 VAC bolt on

NF8430L1C

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

Main

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

Complementary

Number of spaces	30
Enclosure Nominal Height	59 in (1498.6 mm)
Enclosure Nominal Width	8.625 in (219.075 mm)
Enclosure Nominal Depth	5.65 in (143.51 mm) NEMA 1
Line Rated Current	100 A
[I _u] rated interrupted current	65 kA
Number of Phases	3 phase 4 wires
Voltage Rating	600Y/347 V AC
Connections - terminals	Lug line AWG 6...300 kcmil aluminium/copper Lug neutral AWG 6...300 kcmil aluminium/copper
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	27 in (685.8 mm)
Width	10.44 in (265.18 mm)

Environment

Standards	UL 67 CSA C22.2
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Ordering and shipping details

Category	US1PE1A08245
Discount Schedule	PE1A
GTIN	785901714767
Returnability	No
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.

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package weight(Lbs)	65.001 lb(US) (29.484 kg)

Contractual warranty

Warranty	18 months
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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 >](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
California proposition 65	<p>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</p>

Use Again

Repack and remanufacture

Take-back	No
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