

Product data sheet

Specifications

SQUARE D



Panelboard interior, NQ, main lugs, 600A, Cu bus, 72 pole spaces, 3 phase, 4 wire, 240VAC, 48VDC

NQ472L6C

Main

Product Type	Interiors
Panelboard Type	Main lugs
Branch Circuit Breaker Type	QOB QOB-VH QHB
Busbar Material	Copper

Complementary

Number of spaces	72
Enclosure Nominal Height	62 in (1574.8 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
[In] rated current	600 A
[Iu] rated interrupted current	10 kA 22 kA 65 kA
Number of Phases	3 phases 4 wires
Voltage Rating	240 V AC 48 V DC
Connections - terminals	Lug line AWG 1/0...750 kcmil aluminum Lug neutral AWG 1/0...750 kcmil aluminum
Tightening torque	274.99...300.04 lbf.in (31.07...33.90 N.m) 0.08...0.6 in ² (53.48...380 mm ²) AWG 1/0...750 kcmil 274.99...300.04 lbf.in (31.07...33.90 N.m) 0.08...0.3 in ² (53.48...177.3 mm ²) AWG 1/0...350 kcmil 549.98 lbf.in (62.14 N.m) 0.08...0.6 in ² (53.48...380 mm ²) AWG 1/0...750 kcmil 549.98 lbf.in (62.14 N.m) 0.08...0.2 in ² (53.48...152 mm ²) AWG 1/0...300 kcmil 375.006 lbf.in (42.37 N.m) 0.08...0.6 in ² (53.48...380 mm ²) AWG 1/0...750 kcmil 375.006 lbf.in (42.37 N.m) 0.08...0.2 in ² (53.48...152 mm ²) AWG 1/0...300 kcmil
Height	57 in (1447.8 mm)
Width	10.44 in (265.18 mm)

Environment

Standards	UL CSA
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Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Height	5.8 in (14.7 cm)
Package 1 Width	14.02 in (35.6 cm)
Package 1 Length	62.3 in (158.2 cm)
Package 1 Weight	39.00 lb(US) (17.69 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	205 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	114 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.7 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]	41 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant
REACH Regulation	Free of Substances of Very High Concern above the threshold

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	93
Circularity Profile	No need of specific recycling operations
Take-back	No