Product data sheet

Specifications



Load center interior, QO, main breaker, 300A, Al bus, 42 pole spaces, 1 phase, 3 wire. NQ enclosure

QONQ42MS300

Product availability: Stock - Normally stocked in distribution facility

Main

Product Type	Load Center Interior
Marketing Trade Name	QO
Load Center Type	Main breaker
Rated Current	300 A
Number of Spaces	42
Max Short Circuit Current Rating	10 kA 22 kA 65 kA
Maximum Number of Single Pole Circuits	42
Maximum Number of Tandem Breakers	0
Number of Phases	1 phase 3 wires
Voltage Rating	240 V AC

Complementary

Wire Size	1 AWG...600 kcmil aluminium/copper 1 AWG...250 kcmil aluminium/copper
Busbar Material	Aluminium
Product Certifications	UL Listed CSA
Tightening Torque	375 lb.in, 1 AWG...600 kcmil, aluminium/copper 375 lb.in, 1 AWG...250 kcmil, aluminium/copper
Circuit Breaker Type	QOB QOB-VH QHB QO
Mounting Mode	Bolt-on Plug-on
Net Weight	42.0003 lb(US) (19.051 kg)

Ordering and shipping details

Category	US1PE1A09151
Discount Schedule	PE1A
GTIN	785901706779
Returnability	Yes
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.

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

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	6.5 in (16.5 cm)
Package 1 Width	14.09 in (35.8 cm)
Package 1 Length	62.2 in (158.0 cm)
Package weight(Lbs)	42.0003 lb(US) (19.051 kg)

Contractual warranty

Warranty (in months)	18

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	**146 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**137 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**6 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0.1 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**2 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 By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Again

Repack and remanufacture

Recyclability potential, in %	**88**
Circularity Profile	**No need of specific recycling operations**
Take-back	**No**