



Q2A-A4007-AAA

Inverter Q2A, 400 V, ND: 7.1 A / 3.00 kW, HD: 5.5 A / 2.20 kW, IP20, max. output freq. 590 Hz

Specifications

Drive control method	Closed loop V/f, Closed loop vector, Open loop V/f, Open loop vector
Drive supply voltage	400 V three phase
Max. motor output at constant torque	2.2 kW
Max. motor output at variable torque	3.0 kW
Built in EMC filter	✓
Degree of protection (IP)	IP20
Finless type	✗
Compatible motor type	Induction or asynchronous motor, Permanent magnet motor, Synchronous reluctance motor
Regenerative solutions	As inverter option
Communication port(s)	MODBUS Slave, Serial RS-485, USB
Communication option(s)	Bluetooth, CANopen, DeviceNet Slave, EtherCAT Slave, EtherNet/IP, POWERLINK, PROFIBUS DP Slave, PROFINET Slave
Product Height (unpacked)	260 mm
Product Width (unpacked)	140 mm
Product Depth (unpacked)	211 mm
Product Weight (unpacked)	3900 g

	AX-FER2102-PE	Ferrite choke, 21mm diameter, for 2.2kW inverters and below
	AX-RAO04600110-DE	AC output reactor, 11 A, 4.6 mH, for 5.5 kW , 400 VAC, 3 phase
	AX-RC06400116-DE	DC link reactor, 11.6 A, 6.4 mH, for 4 kW, 400 VAC
	PG-B3	Open collector PG interface for A1000 and Q2A inverters. A, B, Z pulse, fmax 50 kHz
	Q2-FIA4010-SE	Q2A footprint RFI filter, 10 A, 3~ 400 VAC, for 4002, 4004, 4005, 4007 models
	SI-EP3	PROFINET option board for A1000, Q2A and Q2V inverters.
	SI-ES3	EtherCAT option board for A1000, Q2A and Q2V inverters.
	SI-S3	CANopen option board for A1000, Q2A and Q2V inverters.

CAD Library



EU Declaration of Conformity Q2A Certificate

EN PDF 597 KB



Maxell CR-series button cells Battery Safety Datasheet

EN PDF 132 KB



Q2A Brochure

EN PDF 9.27 MB



Q2A Technical Manual

EN PDF 81.2 MB



Q2A Getting Started Guide

EN PDF 3.62 MB



Q2A Datasheet

EN PDF 8.87 MB



Q2A Variable Speed Drivers (Europe only) Discontinuation Notice

EN PDF 314 KB

Q2Edit V2.0.1 Software

EN RAR 42.6 MB



Q2dev V3.0.0 Software

EN ZIP 60.1 MB



SI-EL3 V2.08 for Q2A and Q2V POWERLINK XDD file

EN ZIP 91.5 KB



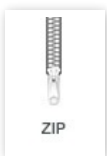
SI-EN3 for Q2-series EtherNet/IP EDS file

EN ZIP 255 KB



SI-EN3D for Q2A (v2.06) EtherNet/IP EDS file

EN ZIP 121 KB



SI-EP3 V2.3 PROFINET GSDML file

EN ZIP 7.27 KB



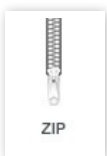
SI-ES3 for Q2A, Q2V, A1000 and V1000 EtherCAT ESI file

EN ZIP 245 KB



SI-N3 for Q2A DeviceNet EDS file

EN ZIP 70.7 KB



SI-P3 PROFIBUS GSD file

EN ZIP 1.95 KB



SI-S3 2.1.9 CANopen EDS file

EN ZIP 4.97 KB

