



3G3MX2-A4040-EV2

MX2-EV2 inverter drive, 4.0/5.5 kW (ND/LD), 9.2/11.1 A (ND/LD), 400 VAC, 3- input, sensorless vector, max. output freq. 590Hz

Specifications

Drive control method	Open loop V/f, Open loop vector
Drive supply voltage	400 V three phase
Max. motor output at constant torque	4 kW
Max. motor output at variable torque	5.5 kW
Built in EMC filter	×
Degree of protection (IP)	IP20
Finless type	×
Compatible motor type	Induction or asynchronous motor, Permanent magnet motor
Regenerative solutions	As inverter option
Communication port(s)	MODBUS Slave, Serial RS-485, USB
Communication option(s)	CompoNet Slave, DeviceNet Slave, EtherCAT Slave, EtherNet/IP, MECHATROLINK II Slave, PROFIBUS DP Slave
Product Weight (unpacked)	2000 g

Accessories



3G3AX-MX2-DRT-E

DeviceNet option card for MX2 inverter



3G3AX-MX2-ECT

MX2 EtherCAT option card



3G3AX-MX2-EIP-A

MX2 Ethernet/IP option card



3G3AX-MX2-PRT-E

MX2 option card, PROFIBUS DP



3G3AX-OP01

LED remote operator panel, cable length max. 3m

AX-FER2815-PE

Ferrite choke, 28mm diameter, for 15kW inverters and below



AX-FIC4015-SE

Common footprint RFI filter for Compact series (Q2V/V1000/J1000/MX2), 15 A, 400 VAC, three phase, for 4.0 kW drives.

AX-FIC4015-SE-LL

Low Leakage common footprint RFI filter for Compact series (Q2V/V1000/J1000/MX2), 15 A, 400 VAC, three phase, for 4.0 kW drives.



AX-RAO07300080-DE

AC output reactor, 8 A, 7.3 mH, for 3.0 and 4.0 kW , 400 VAC, 3 phase



AX-RC06400116-DE

DC link reactor, 11.6 A, 6.4 mH, for 4 kW, 400 VAC

Downloads

[CAD Library](#)



3G3MX2 EC Type Examination including IEC60204-1

Certificate

EN PDF 626 KB



3G3MX2-_E Instruction Sheet

EN PDF 182 KB



Crane solutions - Inverter application software

Brochure

EN PDF 2.23 MB



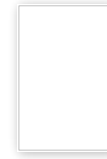
Driver MX2 & RX2 for Windows 11 Software

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EAC Mark removal Discontinuation Notice

EN PDF 221 KB



Energy Saving v1.5.0.3 Software

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From 3G3JX to 3G3MX2 Replacement guide

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LCD Digital Operator Users Manual

EN PDF 2.4 MB



MX2 Users Manual

EN PDF 7.68 MB



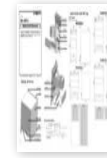
MX2 Getting Started Guide

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MX2 EtherNet/IP Option Board Users Manual

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MX2 IP54 Instruction Sheet

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MX2 Inverter Brochure

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MX2 Pump Sequencer Application Software Users Manual

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MX2 Series Type EV2 Users Manual

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MX2-EV2 - Variable Speed Drives Datasheet

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MX2/RX CompoNet Option Board Users Manual

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MX2/RX DeviceNet Option Board Users Manual

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MX2/RX EtherCAT Option Board Users Manual

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MX2/RX PROFIBUS Option Board Users Manual

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MX2/RX/LX Series Drive Programming Users Manual

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NJ-series -[DeviceNet]-3G3MX2-series Inverter Connection Guide

EN ZIP 2.98 MB



NJ-series -[EtherCAT]-3G3MX2-series Inverter Connection Guide

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RX/MX2 Winder Application Software: PID control with Diameter Sensor Users Manual

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RX/MX2 Winder Application Software: PID control without Diameter Sensor

Users Manual

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Sysmac Catalogue

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Sysmac: A Fully Integrated Platform

Brochure

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Winder solutions - Inverter application software

Brochure

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