



3G3MX2-AB022-EV2

MX2-EV2 inverter drive, 2.2/3.0 kW (ND/LD), 11.0/12.0 A (ND/LD), 200 VAC, 1~ input, sensorless vector, max. output freq. 590Hz

Specifications

Drive control method	Open loop V/f, Open loop vector
Drive supply voltage	230 V single phase
Max. motor output at constant torque	2.2 kW
Max. motor output at variable torque	3 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)	1800 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-FER2102-PE

Ferrite choke, 21mm diameter, for 2.2kW inverters and below

AX-FIC1030-SE

Common footprint RFI filter for Compact series (Q2V/V1000/J1000/MX2), 24 A, 200 VAC, single phase. Please check datasheet for the correct drive selection.

AX-FIC1030-SE-LL

Low Leakage common footprint RFI filter for Compact series (Q2V/V1000/J1000/MX2), 24 A, 200 VAC. Please check datasheet for the correct drive selection.



AX-RAI00630240-DE

AC input reactor, 25 A, 0.63 mH, for 2.2 kW sizes, 200 VAC, 1 phase



AX-RAO03000105-DE

AC output reactor, 10.5 A, 3 mH, for 2.2 kW, 200 VAC, 1/3 phase



AX-REM00K4035-IE

Braking resistor, 35 ohm, 400 W nominal

Downloads



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



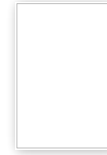
Driver MX2 & RX2 for Windows 11 Software

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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



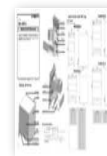
MX2 Getting Started Guide

EN PDF 4.94 MB



MX2 EtherNet/IP Option Board Users Manual

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MX2 IP54 Instruction Sheet

EN PDF 329 KB



MX2 Inverter Brochure

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MX2 Pump Sequencer Application Software Users Manual

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MX2 Series Type EV2 Users Manual

EN PDF 27.2 MB



MX2-EV2 - Variable Speed Drives Datasheet

EN PDF 3.9 MB



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

EN PDF 1.72 MB



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

Users Manual

EN PDF 2.31 MB



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

Users Manual

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Sysmac Catalogue

EN PDF 43.5 MB



Sysmac: A Fully Integrated Platform

Brochure

EN PDF 19.1 MB



Winder solutions - Inverter application software

Brochure

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