



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 file



3G3MX2 EC Type Examination including IEC60204-1

Certificate

EN PDF 626 KB

3G3MX2-A4040-E

EDZ file

EN EDZ 945 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

EN ZIP 103 KB



Energy Saving v1.5.0.3

Software

EN ZIP 104 MB



From 3G3JX to 3G3MX2

Replacement guide

EN PDF 1 MB



From 3G3JX to 3G3MX2 - recommendation

Replacement guide

EN PDF 10.4 MB



LCD Digital Operator

Users Manual

EN PDF 2.4 MB



MX2

Getting Started Guide

EN PDF 4.94 MB



MX2

Sales sheet

EN PDF 531 KB



MX2

Users Manual

EN PDF 7.68 MB



MX2

Selection Guide

EN PDF 501 KB



MX2

Setup Manual

EN PDF 1.52 MB



MX2 Application Checklist

Application Note

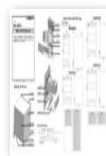
EN PDF 482 KB



MX2 EtherNet/IP Option Board

Users Manual

EN PDF 4.49 MB



MX2 IP54

Instruction Sheet

EN PDF 329 KB



MX2 Inverter

Brochure

EN PDF 6.09 MB



MX2 Pump Sequencer Application Software

Users Manual

EN PDF 2.9 MB



MX2 Series Type EV2

Users Manual

EN PDF 27.2 MB



MX2-EV2 - Variable Speed Drives

Datasheet

EN PDF 3.66 MB



MX2/RX CompoNet Option Board

Users Manual

EN PDF 6.85 MB



MX2/RX DeviceNet Option Board

Users Manual

EN PDF 6.48 MB



MX2/RX EtherCAT Option Board

Users Manual

EN PDF 7.82 MB



MX2/RX PROFIBUS Option Board

Users Manual

EN PDF 5.04 MB



MX2/RX/LX Series Drive Programming

Users Manual

EN PDF 3.72 MB



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

Connection Guide

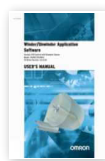
EN ZIP 2.98 MB



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

EN PDF 2.31 MB



Sysmac Catalogue

EN PDF 43.5 MB



Sysmac: A Fully Integrated Platform

Brochure

EN PDF 11.8 MB



Winder solutions - Inverter application software

Brochure

EN PDF 8.58 MB

Environmental product information

Part number

RoHS (EU)2015/863

REACH

SVHC contained

3G3MX2-A4040-EV2



Yes



Dispose in accordance with applicable regulations.

SVHC content information has been adapted as a result of the adoption at our company of chemSHERPA v.2, the Japanese standard for chemical information sharing and exchange throughout the supply chain.

We continuously make our best effort to communicate compliance information transparently to our customers, however some information may still be in the process to be collected or displayed. So don't hesitate to contact us in case a specific product or information you're looking for can't be found here.

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