

INDUSTRIAL COMPONENT DATA

**3G3MX2-A2037-EV2 AA063214B 3G3MX2A2037EV2 OMRON
MX2-EV2 inverter drive, 3.7/5.5 kW (ND/LD), 17.5/19.6 A (ND/LD)**

Brand: OMRON | Manufacturer Part Number: 3G3MX2-A2037-EV2



Manufacturer	OMRON
MPN / Reference	3G3MX2-A2037-EV2
Catalog number	3G3MX2A2037EV2
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-F5ABE1E2A4
Generated	2026-08-05

Product Overview

MX2-EV2 inverter drive, 3.7/5.5 kW (ND/LD), 17.5/19.6 A (ND/LD), 200 VAC, 3~ input, sensorless vector, max. output freq. 590Hz

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Frequency inverters > MX2
--------------	-----------------------------------

Additional Product Information

Drive control methodOpen loop V/f, Open loop vectorDrive supply voltage230 V three phaseMax. motor output at constant torque4 kWMax. motor output at variable torque5.5 kWBuilt in EMC filterDegree of protection (IP)IP20Finless typeCompatible motor typeInduction or asynchronous motor, Permanent magnet motorRegenerative solutionsAs inverter optionCommunication port(s)MODBUS Slave, Serial RS-485, USBCommunication option(s)CompoNet Slave, DeviceNet Slave, EtherCAT Slave, EtherNet/IP, MECHATROLINK II Slave, PROFIBUS DP SlaveProduct Weight (unpacked)2000 g
ETIM for 709496 Low-voltage industrial controls and switchgear (EC001857)

Feature Name

Feature Value

Mains frequency (EF006783)

50/60 Hz

Type of converter (EF006978)

Other

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP20

Number of phases input (EF007117)

3

Number of phases output (EF006998)

3

With PC connection (EF006107)

Yes

Supporting protocol for PROFI-safe (EF007526)

No

Supporting protocol for PROFIBUS (EF003052)

Yes

Supporting protocol for DeviceNet Safety (EF007520)

No

Supporting protocol for TCP/IP (EF003050)

Yes

Supporting protocol for BACnet (EF011944)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for Foundation Fieldbus (EF007522)

No

Application in domestic- and commercial area permitted (EF007295)

No

4-quadrant operation possible (EF006803)

Yes

Supporting protocol for SafetyBUS p (EF007527)

No

Supporting protocol for SERCOS (EF006657)

No

With contro...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 3G3MX2-A2037-EV2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.