

INDUSTRIAL COMPONENT DATA

**3G3MX2-AB002-EV2 AA063230D 3G3MX2AB002EV2 OMRON
MX2 Single Phase, 200VAC, 0.25/0.37KW, 1.6/1.9A(HD/ND),
vect..**

Brand: OMRON | Manufacturer Part Number: 3G3MX2-AB002-EV2



Manufacturer	OMRON
MPN / Reference	3G3MX2-AB002-EV2
Catalog number	3G3MX2AB002EV2
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-84D895A41E
Generated	2026-08-05

Product Overview

MX2 Single Phase, 200VAC, 0.25/0.37KW, 1.6/1.9A(HD/ND), vector without heatsink, max output frequency, 580 Hzr
MX2-EV2 inverter drive, 0.2/0.4 kW (ND/LD), 1.6/1.9 A (ND/LD), 200 VAC, 1~ 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 single phaseMax. motor output at constant torque0.2 kWMax. motor output at variable torque0.4 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)1000 g ETIM for 709480 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)

1

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 con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 3G3MX2-AB002-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.