

INDUSTRIAL COMPONENT DATA

3G3M1-AB022-ECT 3G3M9462C 3G3M1AB022ECT OMRON M1 AC Drive, 2.2/2.7 kW (HD/ND), 11/12 A (HD/ND), 200 VAC, 1~ ..

Brand: OMRON | Manufacturer Part Number: 3G3M1-AB022-ECT



Manufacturer	OMRON
MPN / Reference	3G3M1-AB022-ECT
Catalog number	3G3M1AB022ECT
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-2046228802
Generated	2026-08-05

Product Overview

M1 AC Drive, 2.2/2.7 kW (HD/ND), 11/12 A (HD/ND), 200 VAC, 1~ input, OLV/CLV control, EtherCAT, STO (FSoE + wired), max. output freq. 590 Hz.

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON
--------------	-------

Additional Product Information

Drive control methodClosed loop V/f, Closed loop vector, Open loop V/f, Open loop vector, V/f control, Vector controlDrive supply voltage230 V single phaseMax. motor output at constant torque2.2 kWMax. motor output at variable torque2.7 kWBuilt in EMC filterDegree of protection (IP)IP20Compatible motor typeInduction or asynchronous motor, Permanent magnet motorCommunication port(s)EtherCAT Slave, USBCommunication option(s)NoneProduct Height (unpacked)130 mmProduct Width (unpacked)140 mmProduct Depth (unpacked)156 mmProduct Weight (unpacked)1700 gFinless type ETIM for 709225 Low-voltage industrial controls and switchgear (EC001857)

Feature Name

Feature Value

Mains frequency (EF006783)

50/60 Hz

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP20

Number of phases input (EF007117)

1

Number of phases output (EF006998)

3

Supporting protocol for PROFI-safe (EF007526)

No

Supporting protocol for PROFIBUS (EF003052)

No

Supporting protocol for DeviceNet Safety (EF007520)

No

Supporting protocol for TCP/IP (EF003050)

No

Supporting protocol for BACnet (EF011944)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for Foundation Fieldbus (EF007522)

No

Supporting protocol for SafetyBUS p (EF007527)

No

Supporting protocol for SERCOS (EF006657)

No

Supporting protocol for Modbus (EF003057)

Yes

Supporting protocol for KNX (EF003055)

No

Application in industrial area permitted (EF007294)

Yes

Supporting protocol for PROFINET CBA (EF007...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 3G3M1-AB022-ECT 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.