

INDUSTRIAL COMPONENT DATA

3G3M1-A4022 3G3M9436D 708928 OMRON M1 AC Drive, 2.2/3.0 kW (HD/ND), 5.5/6.9 A (HD/ND), 400 VAC, 3~ input, OL..

Brand: OMRON | Manufacturer Part Number: 3G3M1-A4022



Manufacturer	OMRON
MPN / Reference	3G3M1-A4022
Catalog number	3G3M1A4022
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-E264EFAF9A
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Product Overview

M1 AC Drive, 2.2/3.0 kW (HD/ND), 5.5/6.9 A (HD/ND), 400 VAC, 3~ input, OLV/CLV control, STO (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
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Additional Product Information

Specifications

Drive control method Closed loop V/f, Closed loop vector, Open loop V/f, Open loop vector, V/f control, Vector control

Drive supply voltage 400 V three 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

Compatible motor type Induction or asynchronous motor, Permanent magnet motor

Communication port(s) MODBUS Slave, Serial RS-485, USB

Communication option(s) None

Product Height (unpacked) 130 mm

Product Width (unpacked) 110 mm

Product Depth (unpacked) 156 mm

Product Weight (unpacked) 1400 g

Finless type

Accessories

AX-FER2102-PE Ferrite choke, 21mm diameter, for 2.2kW inverters and below

AX-FIC4011-SE M1 RFI filter 11 A, 400 VAC, three phase.

AX-FIC4011-SE-LL Low Leakage M1 RFI filter 11 A, 400 VAC, three phase.

AX-M1-S2 M1 Shield Clamp Size 2 (AB015 & A2015/A2022 & A4004/A4007/A4015/A4022)

AX-RAI01630090-DE AC input reactor, 9 A, 1.63 mH, for 2.2 to 3.0 kW sizes, 400 VAC, 3 phase

AX-RAO11800053-DE AC output reactor, 5.3 A, 11.8 mH, for 2.2 kW , 400 VAC, 3 phase

AX-RC06400116-DE DC link reactor, 11.6 A, 6.4 mH, for 4 kW, 400 VAC

AX-RC10100069-DE DC link reactor, 6.9 A, 10.1 mH, for 2.2 kW, 400 VAC

AX-REM00K1200-IE Braking resistor, 200 ohm, 100 W nominal

AX-REM00K3160-IE Braking resistor, 300 W, 160 ohm nominal

AX-REM00K4200-IE Braking resistor, 400 W, 200 ohm nominal

ETIM for 708928 Low-voltage industrial controls and switchgear (EC001857)

Feature Name

Feature Value

Mai...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 3G3M1-A4022 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

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