

INDUSTRIAL COMPONENT DATA

3G3M1-A2037 3G3M9451H 3G3M1A2037 OMRON M1 AC Drive, 3.7/5.5 kW (HD/ND), 17.5/19.6 A (HD/ND), 200 VAC, 3~ inp..

Brand: OMRON | Manufacturer Part Number: 3G3M1-A2037



Manufacturer	OMRON
MPN / Reference	3G3M1-A2037
Catalog number	3G3M1A2037
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-96EF136631
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Product Overview

M1 AC Drive, 3.7/5.5 kW (HD/ND), 17.5/19.6 A (HD/ND), 200 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

Drive control methodClosed loop V/f, Closed loop vector, Open loop V/f, Open loop vector, V/f control, Vector controlDrive supply voltage230 V three phaseMax. motor output at constant torque3.7 kWMax. motor output at variable torque5.5 kWBuilt in EMC filterDegree of protection (IP)IP20Compatible motor typeInduction or asynchronous motor, Permanent magnet motorCommunication port(s)MODBUS Slave, Serial RS-485, USBCommunication option(s)NoneProduct Height (unpacked)130 mmProduct Width (unpacked)140 mmProduct Depth (unpacked)156 mmProduct Weight (unpacked)1700 gFinless type
ETIM for 709010 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)

3

Number of phases output (EF006998)

3

Supporting protocol for PROFIsafe (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 PROFINE...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 3G3M1-A2037 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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