

INDUSTRIAL COMPONENT DATA

3G3M1-AB002 3G3M9427E 3G3M1AB002 OMRON M1 AC Drive, 0.2/0.4 kW (HD/ND), 1.6/1.9 A (HD/ND), 200 VAC, 1~ input..

Brand: OMRON | Manufacturer Part Number: 3G3M1-AB002



Manufacturer	OMRON
MPN / Reference	3G3M1-AB002
Catalog number	3G3M1AB002
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-BCC86737DC
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Product Overview

M1 AC Drive, 0.2/0.4 kW (HD/ND), 1.6/1.9 A (HD/ND), 200 VAC, 1~ 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 single phaseMax. motor output at constant torque0.2 kWMax. motor output at variable torque0.4 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)127 mmProduct Width (unpacked)68 mmProduct Depth (unpacked)98 mmProduct Weight (unpacked)500 gFinless type
ETIM for 708937 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 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 PROFINET....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 3G3M1-AB002 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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