

## INDUSTRIAL COMPONENT DATA

# 3G3M1-AB015 3G3M9430E 3G3M1AB015 OMRON M1 AC Drive, 1.5/2.2 kW (HD/ND), 8.0/9.6 A (HD/ND), 200 VAC, 1~ input..

Brand: OMRON | Manufacturer Part Number: 3G3M1-AB015



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | 3G3M1-AB015                        |
| Catalog number  | 3G3M1AB015                         |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-7EC829CB4B                      |
| Generated       | 2026-08-06                         |

## Product Overview

M1 AC Drive, 1.5/2.2 kW (HD/ND), 8.0/9.6 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 |
|--------------|-------|

## 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 torque1.5 kWMax. motor output at variable torque2.2 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)110 mmProduct Depth (unpacked)166 mmProduct Weight (unpacked)1500 gFinless type  
ETIM for 708934 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 PROFIN...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / 3G3M1-AB015 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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