

## INDUSTRIAL COMPONENT DATA

# VZA42P2BAA 3G3Z1361H OMRON V1000 three Phase 380-480VAC (5,5/6,9)Mpa (2,2/3,0)KW Vector

Brand: OMRON | Manufacturer Part Number: VZA42P2BAA



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | VZA42P2BAA                         |
| Catalog number  | 3G3Z1361H                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 3 Pcs                              |
| Document ID     | EO-7356D132EA                      |
| Generated       | 2026-08-05                         |

## Product Overview

V1000 three Phase 380-480VAC (5,5/6,9)Mpa (2,2/3,0)KW Vector

V1000 Three-Phase 400VAC (5.5/6.9)Amp (2.2/3.0)KW Vector

V1000 inverter, 3~ 400 VAC, 2.2 kW, 5.5 A, sensorless vector, max. output freq. 400Hz

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

Catalog path OMRON &gt; Frequency inverters &gt; V1000

## Additional Product Information

## Specifications

Inverter control method Open loop V/f, Open loop vector

Drive supply voltage 400 V three phase

Max. motor output at constant torque (HD) 2.2 kW

Max. motor output at variable torque (ND) 3 kW

Built in EMC filter

Degree of protection (IP) IP20

Finless type

Compatible motor type Induction or asynchronous motor, Permanent magnet motor

Regenerative solutions As inverter option

Communication port(s) MODBUS Slave, Serial RS-422, Serial RS-485

Communication option(s) CANopen, DeviceNet Slave, EtherCAT Slave, EtherNet/IP, MECHATROLINK II Slave, MODBUS/TCP, POWERLINK, PROFIBUS DP Slave, PROFINET Slave

Height 128 mm

Width 108 mm

Depth 154 mm

Weight 1500 g

Accessories

SI-EN3/V EtherNet/IP option board for V1000 inverter

SI-EP3/V V1000 option card - PROFINET

SI-ES3/V Ethercat option board for V1000

SI-N3/V DeviceNet option board for V1000 inverter

SI-P3/V PROFIBUS DP option board for V1000 inverter

ETIM for 234255 Low-voltage industrial controls and switchgear (EC001857)

Feature Name

Feature Value

Mains frequency (EF006783)

50/60 Hz

Type of converter (EF006978)

Other

Degree of protection (NEMA) (EF011959)

Other

Degree of protection (IP) (EF005474)

IP20

Number of phases input (EF007117)

3

Number of phases output (EF006998)

3

With PC connection (EF006107)

Yes

Supporting protocol for PROFIsafe (EF007526)

No

Supporting protocol for PROFIBUS (EF003052)

Yes

Supporting protocol for DeviceNet Safety (EF007520)

No

Supporting protocol for TCP/IP (EF003050)

No

Supporting protocol for...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / VZA42P2BAA 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

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