

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	2026-08-03

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 > Frequency inverters > 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 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.