

INDUSTRIAL COMPONENT DATA

JZAB0P4BAA 3G3Z1507F OMRON Inverter 220V single-phase null 0.55 kw 3A V/F Control

Brand: OMRON | Manufacturer Part Number: JZAB0P4BAA



Manufacturer	OMRON
MPN / Reference	JZAB0P4BAA
Catalog number	JZAB0P4BAA
Category	Frequency converter less than 1 kV
Minimum order	1 unit
Document ID	EO-AD9F48D5C3
Generated	2026-08-03

Product Overview

Inverter 220V single-phase null 0.55 kw 3A V/F Control

Single-phase AC 240V drive 0.55kw 3A Control V/F, output frequency max. 400 Hz

Inverter drive, 0.55kW, 3A, 240 VAC, single-phase, max. output freq. 400Hz

STRUCTURED PRODUCT DATA

Technical Specifications

TECHNICAL ATTRIBUTE	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)	1
Number of phases output (EF006998)	3
With PC connection (EF006107)	No
Supporting protocol for PROFI-safe (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 other bus systems (EF003062)	No
Supporting protocol for Foundation Fieldbus (EF007522)	No
Application in domestic- and commercial area permitted (EF007295)	No

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
4-quadrant operation possible (EF006803)	No
Supporting protocol for SafetyBUS p (EF007527)	No
Supporting protocol for SERCOS (EF006657)	No
With control element (EF001538)	Yes
Supporting protocol for Modbus (EF003057)	Yes
Supporting protocol for KNX (EF003055)	No
Application in industrial area permitted (EF007294)	Yes
Supporting protocol for PROFINET CBA (EF007524)	No
Supporting protocol for LON (EF003017)	No
Supporting protocol for SUCONET (EF003060)	No
With optical interface (EF003028)	No
Supporting protocol for EtherNet/IP (EF007521)	No
Supporting protocol for CAN (EF003053)	No
Supporting protocol for AS-Interface Safety at Work (EF007519)	No
Supporting protocol for INTERBUS (EF003054)	No
Supporting protocol for Data-Highway (EF003058)	No
Supporting protocol for PROFINET IO (EF007525)	No
Supporting protocol for ASI (EF003051)	No
Supporting protocol for DeviceNet (EF003059)	No
Supporting protocol for INTERBUS-Safety (EF006662)	No
Integrated breaking resistance (EF007293)	Yes
Max. output frequency (EF007350)	400 Hz
Number of HW-interfaces other (EF003027)	1
Number of HW-interfaces parallel (EF003026)	0
Number of interfaces PROFINET (EF006932)	0
Number of HW-interfaces industrial Ethernet (EF003020)	0
Max. output at linear load at rated output voltage (EF007364)	0.4 kW
Relative symmetric net voltage tolerance (EF007453)	10 %
Number of HW-interfaces USB (EF003025)	0
Width (EF000008)	68 mm
Number of HW-interfaces RS-232 (EF003021)	0
Number of HW-interfaces RS-422 (EF003022)	0
Max. output at quadratic load at rated output voltage (EF007366)	0.55 kW

CONTINUED

Technical Specifications

TECHNICAL ATTRIBUTE	VALUE
Number of HW-interfaces RS-485 (EF003023)	0
Nominal output current I _{2N} (EF009561)	3.5 A
Number of HW-interfaces serial TTY (EF003024)	0
Height (EF000040)	128 mm
Max. output voltage (EF009560)	240 V
Depth (EF000049)	118 mm
Relative symmetric net frequency tolerance (EF007454)	5 %
Mains voltage (EF006780)	200 V

Classification & Catalog Path

Catalog path	OMRON > Frequency inverters > J1000
--------------	-------------------------------------

Additional Product Information

Specifications

Drive control method Open loop V/f

Drive supply voltage 230 V single phase

Max. motor output at constant torque 0.4 kW

Max. motor output at variable torque 0.55 kW

Built in EMC filter

Degree of protection (IP) IP20

Finless type

Compatible motor type Induction or asynchronous motor

Regenerative solutions As inverter option

Communication option(s) MODBUS Slave, Serial RS-232C, Serial RS-485

Product Height (unpacked) 128 mm

Product Width (unpacked) 68 mm

Product Depth (unpacked) 118 mm

Product Weight (unpacked) 1000 g

ETIM for 246648 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)

1

Number of phases output (EF006998)

3

With PC connection (EF006107)

No

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

Sup...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / JZAB0P4BAA 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.