

INDUSTRIAL COMPONENT DATA

CIMR-AC4A0139AAA AA030477C CIMRAC4A0139AAAGBR **OMRON A1000 three Phase 380-480VAC (112/139)Amp** **(55/75)Kw Vect..**

Brand: OMRON | Manufacturer Part Number: CIMR-AC4A0139AAA



Manufacturer	OMRON
MPN / Reference	CIMR-AC4A0139AAA
Catalog number	CIMRAC4A0139AAAGBR
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-8FF3272B1F
Generated	2026-08-05

Product Overview

A1000 three Phase 380-480VAC (112/139)Amp (55/75)Kw Vector

A1000 inverter: 3~ 400 V, HD: 55 kW 112 A, ND: 75 kW 139 A, 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 > A1000

Additional Product Information

Specifications

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

Drive supply voltage 400 V three phase

Max. motor output at constant torque (HD) 55 kW

Max. motor output at variable torque (ND) 75 kW

Built in EMC filter

Degree of protection (IP) IP00

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 550 mm

Width 325 mm

Depth 283 mm

Weight 41000 g

Accessories

3G3RV-PFI3170-SE E7Z/F7Z RFI filter, 170 A, 415 VAC, 3-phase, for 75 kW unit (equivalent to FS5972-170-40)

A1000-CAVPC232-EE PC connection cable. RS232 PC tool connection cable.

JVOP-180 LCD remote operator

JVOP-181 USB converter unit with copy and backup function

PG-B3 Open collector PG interface for A1000 and Q2A inverters. A, B, Z pulse, fmax 50 kHz

PG-F3 Endat PG interface for A1000 and Q2A inverters. For speed feedback input by connection a motor encoder type:

EnDat 2.1/01, EnDat 2.2/01, EnDat 2.2/22 (HEIDENHAIN)

PG-RT3 Resolver PG interface card A1000 and Q2A inverters. TS2640N321E64

PG-X3 Line Driver PG interface for A1000 and Q2A inverters. A, B, Z differential (RS422) input, fmax 300 kHz

SI-EL3

SI-EM3

SI-EM3D

SI-EN3 EtherNet/IP option board for A1000, Q2A and Q2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CIMR-AC4A0139AAA 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.