

INDUSTRIAL COMPONENT DATA

SX-A6022-EFA4 AA055563F SXA6022EFA4 OMRON SX inverter IP20, 22 kW, 3~ 690 VAC, direct torque control, built..

Brand: OMRON | Manufacturer Part Number: SX-A6022-EFA4



Manufacturer	OMRON
MPN / Reference	SX-A6022-EFA4
Catalog number	SXA6022EFA4
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-1682BC563B
Generated	2026-08-06

Product Overview

SX inverter IP20, 22 kW, 3~ 690 VAC, direct torque control, built-in filter, max. output freq. 400 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 > Frequency inverters > SX
--------------	----------------------------------

Additional Product Information

Specifications

Drive control method Vector control

Drive supply voltage 690 V three phase

Max. motor output at variable torque 22 kW

Max. motor output at constant torque 18.5 kW

Built in EMC filter

Degree of protection (IP) IP20

Compatible motor type Induction or asynchronous motor, Permanent magnet motor

Regenerative solutions As inverter option

Communication option(s) Bluetooth, DeviceNet Slave, EtherCAT Slave, EtherNet/IP, MODBUS Slave, MODBUS/TCP, PROFIBUS DP Slave, PROFINET Slave, Serial RS-232C, Serial RS-485

Product Height (unpacked) 536 mm

Product Width (unpacked) 176 mm

Product Depth (unpacked) 267 mm

Product Weight (unpacked) 17000 g

ETIM for 693010 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)

3

Number of phases output (EF006998)

3

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)

Yes

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for Foundation Fieldbus (EF007522)

No

Application in domestic- and commercial area permitted (EF007295)

Yes

Supporting protocol for SafetyBUS p (EF007527)

No

Supporting protocol for SERCOS (EF006657)

No

Supporting protocol for Modbus (EF003057)

Yes

Supporting protocol for KNX...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-A6022-EFA4 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.