

## INDUSTRIAL COMPONENT DATA

# SX-A4500-EFA4 AA055653E SXA4500EFA4 OMRON SX Three-Phase 400VAC (1000/800)Amp (500Kw/450Kw) Vector IP21

Brand: OMRON | Manufacturer Part Number: SX-A4500-EFA4



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | SX-A4500-EFA4                      |
| Catalog number  | SXA4500EFA4                        |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-B7B063DCD1                      |
| Generated       | 2026-08-04                         |

## Product Overview

SX Three-Phase 400VAC (1000/800)Amp (500Kw/450Kw) Vector IP21

SX inverter IP20, 500 kW, 3~ 400 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 &gt; Frequency inverters &gt; SX

## Additional Product Information

Drive control methodVector controlDrive supply voltage400 V three phaseMax. motor output at variable torque500 kWMax. motor output at constant torque450 kWBuilt in EMC filterDegree of protection (IP)IP20Compatible motor typeInduction or asynchronous motor, Permanent magnet motorRegenerative solutionsAs inverter optionCommunication option(s)Bluetooth, DeviceNet Slave, EtherCAT Slave, EtherNet/IP, MODBUS Slave, MODBUS/TCP, PROFIBUS DP Slave, PROFINET Slave, Serial RS-232C, Serial RS-485Product Height (unpacked)1036 mmProduct Width (unpacked)1100 mmProduct Depth (unpacked)450 mmProduct Weight (unpacked)340000 g

ETIM for 693403 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

Supporting protocol for SafetyBUS p (EF007527)

No

Supporting protocol for SERCOS (EF006657)

No

Supporting protocol for Modbus (EF003057)

Yes

Supporting protocol for KNX (EF003055)

No

Application in industrial area permitted (EF007294)

Yes

Supporting protocol for PROFINET CB...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-A4500-EFA4 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

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.