

INDUSTRIAL COMPONENT DATA

SX-D4500-E1FA4 AA055803A SXD4500E1FA4 OMRON SX Three-phase 400VAC (1000/800)Amp (500Kw/450Kw) Vector IP54

Brand: OMRON | Manufacturer Part Number: SX-D4500-E1FA4



Manufacturer	OMRON
MPN / Reference	SX-D4500-E1FA4
Catalog number	SXD4500E1FA4
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-9847E72D35
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Product Overview

SX Three-phase 400VAC (1000/800)Amp (500Kw/450Kw) Vector IP54

SX inverter IP54, 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 > Frequency inverters > 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)IP54Compatible 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)2250 mmProduct Width (unpacked)1200 mmProduct Depth (unpacked)600 mmProduct Weight (unpacked)697000 g

ETIM for 693537 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)

IP54

Number of phases input (EF007117)

3

Number of phases output (EF006998)

3

Supporting protocol for PROFI-safe (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-D4500-E1FA4 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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