

INDUSTRIAL COMPONENT DATA

SX-A4160-E3FA4 AA055523G SXA4160E3FA4 OMRON SX inverter IP20, 160 kW, 3~ 400 VAC, direct torque control, bui..

Brand: OMRON | Manufacturer Part Number: SX-A4160-E3FA4



Manufacturer	OMRON
MPN / Reference	SX-A4160-E3FA4
Catalog number	SXA4160E3FA4
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-08AFC861BB
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Product Overview

SX inverter IP20, 160 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 control
 Drive supply voltage400 V three phase
 Max. motor output at variable torque160 kW
 Max. motor output at constant torque132 kW
 Built in EMC filter
 Degree of protection (IP)IP20
 Compatible motor typeInduction or asynchronous motor, Permanent magnet motor
 Regenerative solutionsAs 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)956 mm
 Product Width (unpacked)335 mm
 Product Depth (unpacked)294 mm
 Product Weight (unpacked)69000 g
 ETIM for 692970 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 (EF003055)

No

Application in industria...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-A4160-E3FA4 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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