

INDUSTRIAL COMPONENT DATA

SX-A65P5-EFA4 AA055558M SXA65P5EFA4 OMRON SX inverter IP20, 5.5 kW, 3~ 690 VAC, direct torque control, built..

Brand: OMRON | Manufacturer Part Number: SX-A65P5-EFA4



Manufacturer	OMRON
MPN / Reference	SX-A65P5-EFA4
Catalog number	SXA65P5EFA4
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-FAF955A636
Generated	2026-08-04

Product Overview

SX inverter IP20, 5.5 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

Drive control methodVector controlDrive supply voltage690 V three phaseMax. motor output at variable torque5.5 kWMax. motor output at constant torque4 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)536 mmProduct Width (unpacked)176 mmProduct Depth (unpacked)267 mmProduct Weight (unpacked)17000 g
ETIM for 693005 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 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

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 industrial...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-A65P5-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.