

INDUSTRIAL COMPONENT DATA

SX-D65P5-EFA4 AA055572E SXD65P5EFA4 OMRON SX inverter IP54, 5.5 kW, 3~ 690 VAC, direct torque control, built..

Brand: OMRON | Manufacturer Part Number: SX-D65P5-EFA4



Manufacturer	OMRON
MPN / Reference	SX-D65P5-EFA4
Catalog number	SXD65P5EFA4
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-5546FEBB46
Generated	2026-08-03

Product Overview

SX inverter IP54, 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 control
 Drive supply voltage690 V three phase
 Max. motor output at variable torque5.5 kW
 Max. motor output at constant torque4 kW
 Built in EMC filter
 Degree of protection (IP)IP54
 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)512 mm
 Product Width (unpacked)178 mm
 Product Depth (unpacked)314 mm
 Product Weight (unpacked)17000 g
 ETIM for 693019 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 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 industrial....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-D65P5-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.