

INDUSTRIAL COMPONENT DATA

**SX-D6045-EFA4 AA055580F SXD6045EFA4 OMRON SX
inverter IP54, 45 kW, 3~ 690 VAC, direct torque control, built-..**

Brand: OMRON | Manufacturer Part Number: SX-D6045-EFA4



Manufacturer	OMRON
MPN / Reference	SX-D6045-EFA4
Catalog number	SXD6045EFA4
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-86314B1589
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Product Overview

SX inverter IP54, 45 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 torque45 kWMax. motor output at constant torque37 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)590 mmProduct Width (unpacked)220 mmProduct Depth (unpacked)282 mmProduct Weight (unpacked)32000 g

ETIM for 693027 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

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-D6045-EFA4 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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