

INDUSTRIAL COMPONENT DATA

SX-D6018-EFA4 AA055576H SXD6018EFA4 OMRON SX inverter IP54, 18.5 kW, 3~ 690 VAC, direct torque control, built-in filter

Brand: OMRON | Manufacturer Part Number: SX-D6018-EFA4



Manufacturer	OMRON
MPN / Reference	SX-D6018-EFA4
Catalog number	SXD6018EFA4
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-9ECE2F522D
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Product Overview

SX inverter IP54, 18.5 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
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Additional Product Information

Specifications

Drive control method Vector control

Drive supply voltage 690 V three phase

Max. motor output at variable torque 18.5 kW

Max. motor output at constant torque 15 kW

Built in EMC filter

Degree of protection (IP) IP54

Compatible motor type Induction or asynchronous motor, Permanent magnet motor

Regenerative solutions As 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 693023 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-D6018-EFA4 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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