

## INDUSTRIAL COMPONENT DATA

**SX-D6315-E1FA4 AA055847C SXD6315E1FA4 OMRON SX inverter IP54, 315 kW, 3~ 690 VAC, direct torque control, bui..**

Brand: OMRON | Manufacturer Part Number: SX-D6315-E1FA4



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | SX-D6315-E1FA4                     |
| Catalog number  | SXD6315E1FA4                       |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-C15E691ECC                      |
| Generated       | 2026-08-03                         |

**Product Overview**

SX inverter IP54, 315 kW, 3~ 690 VAC, direct torque control, built-in filter

SX inverter IP54, 315 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 &gt; Frequency inverters &gt; SX

**Additional Product Information**

Drive control methodVector controlDrive supply voltage690 V three phaseMax. motor output at variable torque315 kWMax. motor output at constant torque250 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)2250 mmProduct Width (unpacked)600 mmProduct Depth (unpacked)600 mmProduct Weight (unpacked)399000 g

ETIM for 693581 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

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 area permitted (EF007294)

Yes

Supporting protocol for PROFINET CBA...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-D6315-E1FA4 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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