

## INDUSTRIAL COMPONENT DATA

**SX-A6018-EVA4 AA055533D SXA6018EVA4 OMRON SX inverter IP20, 18.5 kW, 3~ 690 VAC, V/f drive, built-in filter,...**

Brand: OMRON | Manufacturer Part Number: SX-A6018-EVA4



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | OMRON                              |
| MPN / Reference | SX-A6018-EVA4                      |
| Catalog number  | SXA6018EVA4                        |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-ABF169D821                      |
| Generated       | 2026-08-06                         |

**Product Overview**

SX inverter IP20, 18.5 kW, 3~ 690 VAC, V/f drive, 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**

## Specifications

Drive control method V/f 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) IP20

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) 536 mm

Product Width (unpacked) 176 mm

Product Depth (unpacked) 267 mm

Product Weight (unpacked) 17000 g

ETIM for 692980 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 (E...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / SX-A6018-EVA4 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

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.