

**INDUSTRIAL COMPONENT DATA**

# SPX700A0-4A2N1 125459 Y7-125459 EATON ELECTRIC

## Variable frequency drive SVX 3-/3-phase 500 kW 480 V degree O..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX700A0-4A2N1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SPX700A0-4A2N1                     |
| Catalog number  | Y7-125459                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-68C25B54E5                      |
| Generated       | 2026-08-03                         |

### Product Overview

Variable frequency drive SVX 3-/3-phase 500 kW 480 V; degree of protection IP00; integrated EMC filter  
SPX700A0-4A2N1

Variable frequency drive, 400 V AC, 3-phase, 500 kW, IP00, OLED display, FR12

Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage: Ue = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Output voltage with Ve: U2 = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 380 (-15%) - 500 (+10%) V, Rated operational current At 150% overload: Ie = 920 A, Rated operational current At 110% overload: Ie = 1030 A, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: For AC motors with internal and external ventilation with 50 Hz / 60 Hz, Overload cycle for 60 s every 600 s, at 400 V, 50 Hz , Assigned motor rating 150 % Overload: P = 500 kW, 110 % Overload: P = 560 kW, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: P = 700 HP, 110 % Overload: P = 800 HP, Degree of Protection: IP00, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: OLED display, Frame size: FR12, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

**STRUCTURED PRODUCT DATA**

### Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

### Classification & Catalog Path

|              |                                              |
|--------------|----------------------------------------------|
| Catalog path | EATON - MOELLER > Eaton Frequency Converters |
|--------------|----------------------------------------------|

### Additional Product Information

Variable frequency drive, 400 V AC, 3-phase, 500 kW, IP00, OLED display, FR12Variable frequency drive, Part group

reference (e.g. DIL): SPX, Rated operational voltage:  $U_e = 400 \text{ V AC}$ , 3-phase,  $480 \text{ V AC}$ , 3-phase,  $500 \text{ V AC}$ , 3-phase, Output voltage with  $V_e$ :  $U_2 = 400 \text{ V AC}$ , 3-phase,  $480 \text{ V AC}$ , 3-phase,  $500 \text{ V AC}$ , 3-phase, Mains voltage (50/60Hz):  $U_{LN} = 380 (-15\%) - 500 (+10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 920 \text{ A}$ , Rated operational current At 110% overload:  $I_e = 1030 \text{ A}$ , Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: For AC motors with internal and external ventilation with 50 Hz / 60 Hz, Overload cycle for 60 s every 600 s, at 400 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 500 \text{ kW}$ , 110 % Overload:  $P = 560 \text{ kW}$ , Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 700 \text{ HP}$ , 110 % Overload:  $P = 800 \text{ HP}$ , Degree of Protection: IP00, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: OLED display, Frame size: FR12, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

General specifications Product name Eaton SPX variable frequency drive Part

no. SPX700A0-4A2N1 EAN4015081230655 Product Length/Depth 115 millimetre Product height 36.2 millimetre Product

width 96 millimetre Product weight 550 kilogram Certifications RoHS, ISO 9001

IEC/EN 61800-3

Safety: EN 61800-5-1: 2003

UL....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX700A0-4A2N1 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

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