

## INDUSTRIAL COMPONENT DATA

# SPX400A1-5A4N1 125434 Y7-125434 EATON ELECTRIC

## Variable frequency drive, 600 V AC, 3-phase, 355 kW, IP21, Ra..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX400A1-5A4N1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SPX400A1-5A4N1                     |
| Catalog number  | Y7-125434                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-C1F07B040D                      |
| Generated       | 2026-08-02                         |

### Product Overview

Variable frequency drive, 600 V AC, 3-phase, 355 kW, IP21, Radio interference suppression filter, OLED display, DC link choke, FR11

SPX400A1-5A4N1

Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage:  $U_e = 600 \text{ V AC}$ , 3-phase, 690 V AC, 3-phase, Output voltage with  $V_e$ :  $U_2 = 600 \text{ V AC}$ , 3-phase, 690 V AC, 3-phase, Mains voltage (50/60Hz):  $U_{LN} = 525 (-15\%) - 690 (\pm 10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 385 \text{ A}$ , Rated operational current At 110% overload:  $I_e = 460 \text{ A}$ , 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 690 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 355 \text{ kW}$ , 110 % Overload:  $P = 450 \text{ kW}$ , 110 % Overload:  $I_M = 446 \text{ A}$ , Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 400 \text{ HP}$ , 110 % Overload:  $P = 450 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 332 \text{ A}$ , 110 % Overload:  $I_M = 358 \text{ A}$ , Degree of Protection: IP21, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: Radio interference suppression filter, OLED display, DC link choke, Frame size: FR11, 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

---

### General specifications

Product Name Eaton SPX variable frequency drive Catalog Number 125434 Model Code SPX400A1-5A4N1 EAN

4015081230402 Product Length/Depth 602 mm Product Height 2020 mm Product Width 794 mm Product Weight 350 kg

Certifications CE

UL 508C

IEC/EN61800-3

CUL

UL Category Control No.: NMMS, NMMS2, NMMS7. NMMS8

UL report applies to both US and Canada

Safety: EN 61800-5-1: 2003

IEC/EN61800-5

RCM

RoHS, ISO 9001

Specification for general requirements: IEC/EN 61800-2

DNV

CSA Class No.: 3211-06

UL File No.: E134360

IEC/EN 61800-3

Certified by UL for use in Canada

CSA-C22.2 No. 14

UL General

Degree of protection IP21

NEMA 1 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: Control unit

DC link choke

OLED display

PC connection

Radio interference suppression filter

Internal DC link

IGBT inverter Frame size FR11 Functions 4-quadrant operation possible Mounting position Vertical Product Category

Variable frequency drives Protection Finger and back-of-hand proof, Protection against direct contact (BGV A3, VBG4)

Radio interference class C2, C3: depending on the motor cable length, the connected load, and ambient conditions.

External radio interference suppression filters (optional) may be necessary. Suitable for Branch circuits, (UL/CSA) Climatic environmental conditions

Altitude Above 1000 m with 1 % performance reduction per 100 m

Max. 1000 m

Max. 3000 m Ambient operating temperature - min -10 °C Ambient operating temperature -....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX400A1-5A4N1 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.