

## INDUSTRIAL COMPONENT DATA

# SPX300A2-5A4N1 125421 EATON ELECTRIC Variable frequency drive SPX 3-/3-phase 690 V 315 kW dynamic vector con..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX300A2-5A4N1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SPX300A2-5A4N1                     |
| Catalog number  | 125421                             |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-6C02A50503                      |
| Generated       | 2026-08-05                         |

## Product Overview

Variable frequency drive SPX 3-/3-phase 690 V 315 kW ; dynamic vector control; protection type IP54; integrated EMC filter; with input fuse

Frequency converter; High performance; 385 A; 355 kW; IP54; 690 V AC; Class C3 EMC Filter

Variable frequency drive, 600 V AC, 3-phase, 315 kW, IP54, Radio interference suppression filter, OLED display, FR10

## 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 125421 Model Code SPX300A2-5A4N1 EAN

4015081230273 Product Length/Depth 602 mm Product Height 2140 mm Product Width 595 mm Product Weight 275 kg

Certifications UL File No.: E134360

CE

DNV

RCM

IEC/EN61800-3

IEC/EN61800-5

RoHS, ISO 9001

Specification for general requirements: IEC/EN 61800-2

UL report applies to both US and Canada

CSA Class No.: 3211-06

IEC/EN 61800-3

Safety: EN 61800-5-1: 2003

UL

CSA-C22.2 No. 14

UL 508C

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

Certified by UL for use in Canada

CUL General

Degree of protection IP54

NEMA 12 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: OLED display

PC connection

Control unit

DC link choke

IGBT inverter

Internal DC link

Radio interference suppression filter Frame size FR10 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 / SPX300A2-5A4N1 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.