

**INDUSTRIAL COMPONENT DATA**

# SPX040A1-4A1N1 125319 Y7-125319 EATON ELECTRIC

## Variable frequency drive, 400 V AC, 3-phase, 30 kW, IP21, Rad..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX040A1-4A1N1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SPX040A1-4A1N1                     |
| Catalog number  | Y7-125319                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-958FEFE7D3                      |
| Generated       | 2026-08-06                         |

### Product Overview

Variable frequency drive, 400 V AC, 3-phase, 30 kW, IP21, Radio interference suppression filter, OLED display, DC link choke, FR7

SPX040A1-4A1N1

Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage:  $U_e = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Output voltage with  $V_e$ :  $U_2 = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz):  $U_{LN} = 380 (-15\%) - 500 (+10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 61 \text{ A}$ , Rated operational current At 110% overload:  $I_e = 72 \text{ A}$ , 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:  $P = 30 \text{ kW}$ , 110 % Overload:  $P = 37 \text{ kW}$ , 150 % Overload:  $I_M = 55 \text{ A}$ , 110 % Overload:  $I_M = 68 \text{ A}$ , Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 40 \text{ HP}$ , 110 % Overload:  $P = 50 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 40 \text{ A}$ , 110 % Overload:  $I_M = 65 \text{ A}$ , 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: FR7, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/...

**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 125319 Model Code SPX040A1-4A1N1 EAN

4015081229253 Product Length/Depth 640 mm Product Height 257 mm Product Width 237 mm Product Weight 35 kg

Certifications CSA Class No.: 3211-06

CSA-C22.2 No. 14

IEC/EN 61800-3

UL 508C

CUL

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

CE

Safety: EN 61800-5-1: 2003

Specification for general requirements: IEC/EN 61800-2

UL report applies to both US and Canada

IEC/EN61800-5

RoHS, ISO 9001

UL File No.: E134360

UL

IEC/EN61800-3

RCM

Certified by UL for use in Canada

DNV General

Degree of protection IP21

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

DC link choke

Internal DC link

IGBT inverter

Radio interference suppression filter Frame size FR7 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 Max. 1000 m

Max. 3000 m

Above 1000 m with 1 % performance reduction per 100 m Ambient operating temperature - min -10 °C Ambient operating temperature - max 50 °C Ambient operating temperature at 150% overload - min -10...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX040A1-4A1N1 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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