

INDUSTRIAL COMPONENT DATA

SPX800A0-4A2N1 125463 Y7-125463 EATON ELECTRIC

Variable frequency drive SVX 3-/3-phase 560 kW 480 V degree O..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX800A0-4A2N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX800A0-4A2N1
Catalog number	Y7-125463
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-313465C217
Generated	2026-08-05

Product Overview

Variable frequency drive SVX 3-/3-phase 560 kW 480 V; degree of protection IP00; integrated EMC filter
SPX800A0-4A2N1

Variable frequency drive, 400 V AC, 3-phase, 560 kW, IP00, OLED display, FR13

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: $I_e = 1030 \text{ A}$, Rated operational current At 110% overload: $I_e = 1150 \text{ A}$, 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: $P = 560 \text{ kW}$, 110 % Overload: $P = 630 \text{ kW}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 800 \text{ HP}$, 110 % Overload: $P = 900 \text{ HP}$, Degree of Protection: IP00, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: OLED display, Frame size: FR13, 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
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Additional Product Information

General specifications

Product Name Eaton SPX variable frequency drive Catalog Number 125463 Model Code SPX800A0-4A2N1 EAN 4015081230693 Product Length/Depth 1055 mm Product Height 566 mm Product Width 708 mm Product Weight 436 kg

Certifications IEC/EN61800-5

CSA Class No.: 3211-06

CE

RCM

UL report applies to both US and Canada

DNV

RoHS, ISO 9001

UL File No.: E134360

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

CSA-C22.2 No. 14

Safety: EN 61800-5-1: 2003

IEC/EN 61800-3

UL

UL 508C

Certified by UL for use in Canada

Specification for general requirements: IEC/EN 61800-2

CUL

IEC/EN61800-3 General

Degree of protection IP00

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

PC connection

IGBT inverter

OLED display

Internal DC link Frame size FR13 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 Max. 3000 m

Max. 1000 m

Above 1000 m with 1 % performance reduction per 100 m Ambient operating temperature - min -10 °C Ambient operating temperature - max 40 °C Ambient operating temperature at 150%...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX800A0-4A2N1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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