

INDUSTRIAL COMPONENT DATA

SPX200A1-5A4N1 125396 Y7-125396 EATON ELECTRIC

Variable frequency drive SPX 3-/3-phase 690 V 200 kW dynamic ..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX200A1-5A4N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX200A1-5A4N1
Catalog number	Y7-125396
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-7FFB3DD424
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Product Overview

Variable frequency drive SPX 3-/3-phase 690 V 200 kW ; dynamic vector control; degree of protection IP21; integrated EMC filter; with input fuse

SPX200A1-5A4N1

Variable frequency drive, 600 V AC, 3-phase, 200 kW, IP21, Radio interference suppression filter, OLED display, FR10
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: $I_e = 208 \text{ A}$, Rated operational current At 110% overload: $I_e = 261 \text{ A}$, 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: $P = 200 \text{ kW}$, 110 % Overload: $P = 250 \text{ kW}$, 150 % Overload: $IM = 202 \text{ A}$, 110 % Overload: $IM = 253 \text{ A}$, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 200 \text{ HP}$, 110 % Overload: $P = 300 \text{ HP}$, Assigned motor rating 150 % Overload: $IM = 167 \text{ A}$, 110 % Overload: $IM = 251 \text{ A}$, 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 siz...

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 125396 Model Code SPX200A1-5A4N1 EAN

4015081230020 Product Length/Depth 602 mm Product Height 2140 mm Product Width 595 mm Product Weight 275 kg

Certifications Certified by UL for use in Canada

CSA-C22.2 No. 14

UL

CE

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

RoHS, ISO 9001

UL report applies to both US and Canada

IEC/EN 61800-3

CUL

CSA Class No.: 3211-06

DNV

UL File No.: E134360

Specification for general requirements: IEC/EN 61800-2

RCM

Safety: EN 61800-5-1: 2003

IEC/EN61800-3

IEC/EN61800-5

UL 508C General

Degree of protection NEMA 1

IP21 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: OLED display

IGBT inverter

Radio interference suppression filter

Control unit

DC link choke

Internal DC link

PC connection 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 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 -....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX200A1-5A4N1 with the required quantity to info@electricaonline.com or use 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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