

INDUSTRIAL COMPONENT DATA

SPX003A1-5A4N1 125222 Y7-125222 EATON ELECTRIC

Variable frequency drive, 600 V AC, 3-phase, 3 kW, IP21, Radi..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX003A1-5A4N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX003A1-5A4N1
Catalog number	Y7-125222
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-9081F01600
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Product Overview

Variable frequency drive, 600 V AC, 3-phase, 3 kW, IP21, Radio interference suppression filter, OLED display, DC link choke, FR6

SPX003A1-5A4N1

Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage: $U_e = 600$ V AC, 3-phase, 690 V AC, 3-phase, Output voltage with V_e : $U_2 = 600$ V AC, 3-phase, 690 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 525$ (-15%) - 690 ($\pm 10\%$) V, Rated operational current At 150% overload: $I_e = 4.5$ A, Rated operational current At 110% overload: $I_e = 5.5$ 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: $P = 3$ kW, 110 % Overload: $P = 4$ kW, 150 % Overload: $I_M = 3.8$ A, 110 % Overload: $I_M = 4.9$ A, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 3$ HP, 110 % Overload: $P = 5$ HP, Assigned motor rating 150 % Overload: $I_M = 3.4$ A, 110 % Overload: $I_M = 5.3$ 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: FR6, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 6180...

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 125222 Model Code SPX003A1-5A4N1 EAN

4015081228287 Product Length/Depth 558 mm Product Height 237 mm Product Width 195 mm Product Weight 18.5 kg

Certifications DNV

UL

UL 508C

RCM

IEC/EN61800-3

UL File No.: E134360

CE

Certified by UL for use in Canada

CUL

Safety: EN 61800-5-1: 2003

CSA Class No.: 3211-06

CSA-C22.2 No. 14

UL report applies to both US and Canada

IEC/EN61800-5

Specification for general requirements: IEC/EN 61800-2

RoHS, ISO 9001

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

IEC/EN 61800-3 General

Degree of protection IP21

NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: Radio interference suppression filter

Internal DC link

IGBT inverter

OLED display

DC link choke Frame size FR6 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 -...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX003A1-5A4N1 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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