

INDUSTRIAL COMPONENT DATA

SPX005A2-5A4B1 129585 Y7-129585 EATON ELECTRIC
Variable frequency drive, 600 V AC, 3-phase, 5.5 kW, IP54, Ra..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX005A2-5A4B1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX005A2-5A4B1
Catalog number	Y7-129585
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-CA04F765A2
Generated	2026-08-02

Product Overview

Variable frequency drive, 600 V AC, 3-phase, 5.5 kW, IP54, Radio interference suppression filter, Brake chopper, OLED display, DC link choke, FR6

SPX005A2-5A4B1

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: $I_e = 7.5$ A, Rated operational current At 110% overload: $I_e = 10$ 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: $P = 5.5$ kW, 110 % Overload: $P = 7.5$ kW, 150 % Overload: $I_M = 6.5$ A, 110 % Overload: $I_M = 8.8$ A, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 5$ HP, 110 % Overload: $P = 7.5$ HP, Assigned motor rating 150 % Overload: $I_M = 5.3$ A, 110 % Overload: $I_M = 8$ A, Degree of Protection: IP54, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: Radio interference suppression filter, Brake chopper, OLED display, DC link choke, Frame size: FR6, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-...

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 129585 Model Code SPX005A2-5A4B1 EAN

4015081269129 Product Length/Depth 558 mm Product Height 237 mm Product Width 195 mm Product Weight 18.5 kg

Certifications CE

RCM

Specification for general requirements: IEC/EN 61800-2

UL File No.: E134360

CSA-C22.2 No. 14

DNV

UL report applies to both US and Canada

Safety: EN 61800-5-1: 2003

IEC/EN61800-3

IEC/EN 61800-3

CSA Class No.: 3211-06

UL

CUL

RoHS, ISO 9001

Certified by UL for use in Canada

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

IEC/EN61800-5

UL 508C General

Degree of protection IP54

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

OLED display

DC link choke

Internal DC link

Radio interference suppression filter

IGBT inverter 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 Above 1000 m with 1 % performance reduction per 100 m

Max. 3000 m

Max. 1000 m Ambient operating temperature - min -10 °C Ambient operating temperature - max 50 °C Ambient operating temperature at 150% ov...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX005A2-5A4B1 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

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.