

INDUSTRIAL COMPONENT DATA

SPX150A1-4A1B1 129701 Y7-129701 EATON ELECTRIC

Variable frequency drive, 400 V AC, 3-phase, 110 kW, IP21, Ra..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX150A1-4A1B1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX150A1-4A1B1
Catalog number	Y7-129701
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-304C2E3A15
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Product Overview

Variable frequency drive, 400 V AC, 3-phase, 110 kW, IP21, Radio interference suppression filter, Brake chopper, OLED display, DC link choke, FR9

SPX150A1-4A1B1

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: $I_e = 205 \text{ A}$, 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 400 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 110 \text{ kW}$, 110 % Overload: $P = 132 \text{ kW}$, 150 % Overload: $I_M = 196 \text{ A}$, 110 % Overload: $I_M = 231 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 150 \text{ HP}$, 110 % Overload: $P = 200 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 150 \text{ A}$, 110 % Overload: $I_M = 240 \text{ A}$, Degree of Protection: IP21, 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: FR9, Standards: Specification for general requirements...

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 129701 Model Code SPX150A1-4A1B1 EAN

4015081270521 Product Length/Depth 1150 mm Product Height 362 mm Product Width 480 mm Product Weight 146 kg

Certifications CSA Class No.: 3211-06

CSA-C22.2 No. 14

IEC/EN61800-5

UL 508C

CE

CUL

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

UL File No.: E134360

UL report applies to both US and Canada

IEC/EN 61800-3

RCM

RoHS, ISO 9001

Safety: EN 61800-5-1: 2003

Specification for general requirements: IEC/EN 61800-2

UL

Certified by UL for use in Canada

DNV

IEC/EN61800-3 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

Brake chopper

IGBT inverter

Radio interference suppression filter Frame size FR9 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

Above 1000 m with 1 % performance reduction per 100 m

Max. 3000 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 / SPX150A1-4A1B1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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