

INDUSTRIAL COMPONENT DATA

SPX050A1-4A1B1 138606 Y7-138606 EATON ELECTRIC

Variable frequency drive SPX 3-/3-phase 480 V 37 kW dynamic V..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX050A1-4A1B1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX050A1-4A1B1
Catalog number	Y7-138606
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-8C778AD3FF
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Product Overview

Variable frequency drive SPX 3-/3-phase 480 V 37 kW; dynamic vector control; degree of protection IP21; integrated EMC filter and braking transistor

SPX050A1-4A1B1

Eaton SPX Variable frequency drive, 400 V AC, 3-phase, 37 kW, IP21, Radio interference suppression filter, Brake chopper, OLED display, FR7

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: $I_e = 72 \text{ A}$, Rated operational current At 110% overload: $I_e = 87 \text{ A}$, 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: $P = 37 \text{ kW}$, 110 % Overload: $P = 45 \text{ kW}$, 150 % Overload: $I_M = 68 \text{ A}$, 110 % Overload: $I_M = 81 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 50 \text{ HP}$, 110 % Overload: $P = 60 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 65 \text{ A}$, 110 % Overload: $I_M = 77 \text{ A}$, Degree of Protection: IP21, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: Radio interferen...

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 138606 Model Code SPX050A1-4A1B1 EAN 4015081353866 Product Length/Depth 640 mm Product Height 257 mm Product Width 237 mm Product Weight 35 kg
Certifications Specification for general requirements: IEC/EN 61800-2

CUL

RoHS, ISO 9001

CSA Class No.: 3211-06

UL File No.: E134360

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

IEC/EN 61800-3

CE

UL report applies to both US and Canada

CSA-C22.2 No. 14

RCM

Safety: EN 61800-5-1: 2003

UL 508C

IEC/EN61800-3

DNV

Certified by UL for use in Canada

IEC/EN61800-5

UL Product specifications

Product Category Variable frequency drives 10.10 Temperature rise The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. 10.11 Short-circuit rating Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.12 Electromagnetic compatibility Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.13 Mechanical function The device meets the requirements, provided the information in the instruction leaflet (IL) is observed. 10.2.2 Corrosion resistance Meets the product standard's requirements. 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements. 10.2.3.2 Verification of resistance of insulating materials to normal heat Meets the product standard's requirements. 10.2.3.3 Res...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX050A1-4A1B1 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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