

INDUSTRIAL COMPONENT DATA

SPX025A1-4A1B1 125666 Y7-125666 EATON ELECTRIC

Variable frequency drive, 400 V AC, 3-phase, 18.5 kW, IP21, R..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX025A1-4A1B1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX025A1-4A1B1
Catalog number	Y7-125666
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-B3C4B671B5
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Product Overview

Variable frequency drive, 400 V AC, 3-phase, 18.5 kW, IP21, Radio interference suppression filter, Brake chopper, OLED display, DC link choke, FR6

SPX025A1-4A1B1

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: $I_e = 38 \text{ A}$, Rated operational current At 110% overload: $I_e = 46 \text{ A}$, 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: $P = 18.5 \text{ kW}$, 110 % Overload: $P = 22 \text{ kW}$, 150 % Overload: $IM = 36 \text{ A}$, 110 % Overload: $IM = 41 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 25 \text{ HP}$, 110 % Overload: $P = 30 \text{ HP}$, Assigned motor rating 150 % Overload: $IM = 34 \text{ A}$, 110 % Overload: $IM = 40 \text{ A}$, 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: FR6, Standards: Specification for general requirements: IEC/E...

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 125666 Model Code SPX025A1-4A1B1 EAN

4015081232765 Product Length/Depth 558 mm Product Height 237 mm Product Width 195 mm Product Weight 18.5 kg
Certifications RoHS, ISO 9001
Safety: EN 61800-5-1: 2003
IEC/EN 61800-3
RCM
UL report applies to both US and Canada
IEC/EN61800-3
CSA Class No.: 3211-06
CSA-C22.2 No. 14
CUL
UL Category Control No.: NMMS, NMMS2, NMMS7. NMMS8
UL 508C
Certified by UL for use in Canada
DNV
IEC/EN61800-5
Specification for general requirements: IEC/EN 61800-2
UL File No.: E134360
CE
UL General
Degree of protection IP21
NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: IGBT inverter
OLED display
DC link choke
Internal DC link
Radio interference suppression filter
Brake chopper 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% ov...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX025A1-4A1B1 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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requirements against the manufacturer documentation before purchase or installation.