

INDUSTRIAL COMPONENT DATA

SPXH12A0-4A2N1 125486 Y7-125486 EATON ELECTRIC

Variable frequency drive SVX 3-/3-phase 900 kW 480 V degree O..

Brand: EATON - MOELLER | Manufacturer Part Number: SPXH12A0-4A2N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPXH12A0-4A2N1
Catalog number	Y7-125486
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-DCF09245DF
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Product Overview

Variable frequency drive SVX 3-/3-phase 900 kW 480 V; degree of protection IP00; integrated EMC filter
SPXH12A0-4A2N1

Eaton SPX Variable frequency drive, 400 V AC, 3-phase, 900 kW, IP00, OLED display, FR14

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: $I_e = 1600 \text{ A}$, Rated operational current At 110% overload: $I_e = 1770 \text{ A}$, 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: $P = 900 \text{ kW}$, 110 % Overload: $P = 1000 \text{ kW}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1200 \text{ HP}$, 110 % Overload: $P = 1600 \text{ HP}$, Degree of Protection: IP00, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: OLED display, Frame size: FR14, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

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 125486 Model Code SPXH12A0-4A2N1 EAN 4015081230921 Product Length/Depth 105.5 mm Product Height 56.6 mm Product Width 141.6 mm Product Weight 872 kg

Certifications CUL
CSA-C22.2 No. 14
IEC/EN61800-3
UL
DNV
UL 508C
IEC/EN 61800-3
Specification for general requirements: IEC/EN 61800-2
CE
CSA Class No.: 3211-06
UL File No.: E134360
UL report applies to both US and Canada
Certified by UL for use in Canada
IEC/EN61800-5
UL Category Control No.: NMMS, NMMS2, NMMS7. NMMS8
RoHS, ISO 9001
Safety: EN 61800-5-1: 2003
RCM General
Degree of protection IP00
NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: IGBT inverter
Internal DC link
PC connection
OLED display
Control unit Frame size FR14 Functions 4-quadrant operation possible 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. 1000 m
Max. 3000 m Ambient operating temperature - min -10 °C Ambient operating temperature - max 40 °C Ambient operating temperature at 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPXH12A0-4A2N1 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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