

INDUSTRIAL COMPONENT DATA

SPX500A1-5A4N1 125446 EATON ELECTRIC Variable frequency drive, 600 V AC, 3-phase, 500 kW, IP21, Radio interf..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX500A1-5A4N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX500A1-5A4N1
Catalog number	125446
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-B59386199E
Generated	2026-08-03

Product Overview

Variable frequency drive, 600 V AC, 3-phase, 500 kW, IP21, Radio interference suppression filter, OLED display, DC link choke, FR11

Frequency converter. High performance. 590 A. 560 kW. IP21. 690 V AC. EMC Class C3 Filter

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

EL-Nummer (Norway)4100160Variable frequency drive, 600 V AC, 3-phase, 500 kW, IP21, Radio interference suppression filter, OLED display, FR11Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage: $U_e = 600 \text{ V AC}$, 3-phase, 690 V AC, 3-phase, Output voltage with V_e : $U_2 = 600 \text{ V AC}$, 3-phase, 690 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 525 (-15\%) - 690 (\pm 10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 502 \text{ A}$, Rated operational current At 110% overload: $I_e = 590 \text{ A}$, 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 690 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 500 \text{ kW}$, 110 % Overload: $P = 560 \text{ kW}$, 150 % Overload: $I_M = 491 \text{ A}$, 110 % Overload: $I_M = 550 \text{ A}$, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 500 \text{ HP}$, 110 % Overload: $P = 600 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 411 \text{ A}$, 110 % Overload: $I_M = 478 \text{ A}$, Degree of Protection: IP21, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: Radio interference suppression filter, OLED display, DC link choke, Frame size: FR11, Standards:

Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1 Delivery program

Product range Variable frequency drives Part group reference (e.g. DIL) SPXR...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX500A1-5A4N1 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 PI #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.