

INDUSTRIAL COMPONENT DATA

SPX450A1-5A4N1 125438 EATON ELECTRIC Variable frequency drive, 600 V AC, 3-phase, 450 kW, IP21, Radio interf..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX450A1-5A4N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX450A1-5A4N1
Catalog number	125438
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-DBD321F233
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Product Overview

Variable frequency drive, 600 V AC, 3-phase, 450 kW, IP21, Radio interference suppression filter, OLED display, DC link choke, FR11

Frequency converter; High performance; 502 A; 500 kW; IP21; 690 V AC; Class C3 EMC 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
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Additional Product Information

EL-Nummer (Norway)4100159Variable frequency drive, 600 V AC, 3-phase, 450 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: $I_e = 460 \text{ A}$, Rated operational current At 110% overload: $I_e = 502 \text{ A}$, 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: $P = 450 \text{ kW}$, 110 % Overload: $P = 500 \text{ kW}$, 150 % Overload: $I_M = 446 \text{ A}$, 110 % Overload: $I_M = 491 \text{ A}$, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 450 \text{ HP}$, 110 % Overload: $P = 500 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 358 \text{ A}$, 110 % Overload: $I_M = 411 \text{ A}$, 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 / SPX450A1-5A4N1 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

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