

INDUSTRIAL COMPONENT DATA

SPX250A2-5A4N1 125410 EATON ELECTRIC Variable frequency drive, 600 V AC, 3-phase, 250 kW, IP54, Radio interf..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX250A2-5A4N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX250A2-5A4N1
Catalog number	125410
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-95F396D784
Generated	2026-08-03

Product Overview

Variable frequency drive, 600 V AC, 3-phase, 250 kW, IP54, Radio interference suppression filter, OLED display, DC link choke, FR10

Frequency converter; High performance; 325 A; 315 kW; IP54; 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**

Additional Product Information

EL-Nummer (Norway)4100155Variable frequency drive, 600 V AC, 3-phase, 250 kW, IP54, Radio interference suppression filter, OLED display, FR10Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage: Ue = 600 V AC, 3-phase, 690 V AC, 3-phase, Output voltage with Ve: U2 = 600 V AC, 3-phase, 690 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 525 (-15%) - 690 (±10%) V, Rated operational current At 150% overload: Ie = 261 A, Rated operational current At 110% overload: Ie = 325 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 = 250 kW, 110 % Overload: P = 315 kW, 150 % Overload: IM = 253 A, 110 % Overload: IM = 316 A, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: P = 250 HP, 110 % Overload: P = 300 HP, Assigned motor rating 150 % Overload: IM = 211 A, 110 % Overload: IM = 251 A, Degree of Protection: IP54, 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: FR10, 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 / SPX250A2-5A4N1 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.