

INDUSTRIAL COMPONENT DATA

SPX250A1-4A4B1 133131 EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 160 kW, IP21, Radio interf..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX250A1-4A4B1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX250A1-4A4B1
Catalog number	133131
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-45EBBAF6D4
Generated	2026-08-03

Product Overview

Variable frequency drive, 400 V AC, 3-phase, 160 kW, IP21, Radio interference suppression filter, Brake chopper, OLED display, DC link choke, FR10

Frequency converter; High performance; 385 A; 200 kW; IP21; 400 V AC; Class C3 EMC filter; Braking transistor

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

Variable frequency drive, 400 V AC, 3-phase, 160 kW, IP21, Radio interference suppression filter, Brake chopper, OLED display, FR10Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage: $U_e = 400$ V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Output voltage with V_e : $U_2 = 400$ V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 380$ (-15%) - 500 (+10%) V, Rated operational current At 150% overload: $I_e = 300$ A, Rated operational current At 110% overload: $I_e = 385$ 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: $P = 160$ kW, 110 % Overload: $P = 200$ kW, 150 % Overload: $I_M = 279$ A, 110 % Overload: $I_M = 349$ A, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 250$ HP, 110 % Overload: $P = 300$ HP, Assigned motor rating 150 % Overload: $I_M = 302$ A, 110 % Overload: $I_M = 361$ 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: 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 fr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX250A1-4A4B1 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

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.