

INDUSTRIAL COMPONENT DATA

SPX175A1-5A4B1 138655 Y7-138655 EATON ELECTRIC

Variable frequency drive SPX 3-/3-phase 160 V 2.2 kW dynamic ..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX175A1-5A4B1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX175A1-5A4B1
Catalog number	Y7-138655
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-A6CCEADFD4
Generated	2026-08-03

Product Overview

Variable frequency drive SPX 3-/3-phase 160 V 2.2 kW; dynamic vector control; degree of protection IP21; integrated EMC filter and braking transistor

SPX175A1-5A4B1

Variable frequency drive, 600 V AC, 3-phase, 160 kW, IP21, Radio interference suppression filter, Brake chopper, OLED display, FR9

Variable 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: $I_e = 170 \text{ A}$, Rated operational current At 110% overload: $I_e = 208 \text{ A}$, 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: $P = 160 \text{ kW}$, 110 % Overload: $P = 200 \text{ kW}$, 150 % Overload: $I_M = 162 \text{ A}$, 110 % Overload: $I_M = 202 \text{ A}$, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 200 \text{ HP}$, 110 % Overload: $P = 200 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 167 \text{ A}$, 110 % Overload: $I_M = 167 \text{ A}$, 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...

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

Variable frequency drive, 600 V AC, 3-phase, 160 kW, IP21, Radio interference suppression filter, Brake chopper, OLED display, FR9Variable 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: $I_e = 170 \text{ A}$, Rated operational current At 110% overload: $I_e = 208 \text{ A}$, 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: $P = 160 \text{ kW}$, 110 % Overload: $P = 200 \text{ kW}$, 150 % Overload: $I_M = 162 \text{ A}$, 110 % Overload: $I_M = 202 \text{ A}$, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 200 \text{ HP}$, 110 % Overload: $P = 200 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 167 \text{ A}$, 110 % Overload: $I_M = 167 \text{ A}$, 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: FR9, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

General specificationsProduct nameEaton SPX variable frequency drivePart no.SPX175A1-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX175A1-5A4B1 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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