

INDUSTRIAL COMPONENT DATA

SPX010A2-5A4N1 125272 Y7-125272 EATON ELECTRIC

Variable frequency drive, 600 V AC, 3-phase, 11 kW, IP54, Rad..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX010A2-5A4N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX010A2-5A4N1
Catalog number	Y7-125272
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-A7DFAC3B71
Generated	2026-08-03

Product Overview

Variable frequency drive, 600 V AC, 3-phase, 11 kW, IP54, Radio interference suppression filter, OLED display, DC link choke, FR6

SPX010A2-5A4N1

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: $I_e = 13.5 \text{ A}$, Rated operational current At 110% overload: $I_e = 18 \text{ A}$, 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: $P = 11 \text{ kW}$, 110 % Overload: $P = 15 \text{ kW}$, 150 % Overload: $I_M = 12.6 \text{ A}$, 110 % Overload: $I_M = 17 \text{ A}$, Assigned motor rating Note: at 690 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 10 \text{ HP}$, 110 % Overload: $P = 15 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 10 \text{ A}$, 110 % Overload: $I_M = 15 \text{ A}$, 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: FR6, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 6...

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

General specifications

Product Name Eaton SPX variable frequency drive Catalog Number 125272 Model Code SPX010A2-5A4N1 EAN

4015081228782 Product Length/Depth 558 mm Product Height 237 mm Product Width 195 mm Product Weight 18.5 kg

Certifications CUL

UL

IEC/EN61800-5

UL File No.: E134360

IEC/EN 61800-3

IEC/EN61800-3

UL 508C

CE

CSA Class No.: 3211-06

CSA-C22.2 No. 14

Safety: EN 61800-5-1: 2003

UL Category Control No.: NMMS, NMMS2, NMMS7, NMMS8

UL report applies to both US and Canada

Certified by UL for use in Canada

RCM

RoHS, ISO 9001

DNV

Specification for general requirements: IEC/EN 61800-2 General

Degree of protection IP54

NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: Internal DC link

OLED display

DC link choke

Radio interference suppression filter

IGBT inverter Frame size FR6 Mounting position Vertical Product Category Variable frequency drives Protection Finger and back-of-hand proof, Protection against direct contact (BGV A3, VBG4) Radio interference class C2, C3: depending on the motor cable length, the connected load, and ambient conditions. External radio interference suppression filters (optional) may be necessary. Suitable for Branch circuits, (UL/CSA) Climatic environmental conditions

Altitude Max. 1000 m

Max. 3000 m

Above 1000 m with 1 % performance reduction per 100 m Ambient operating temperature - min -10 °C Ambient operating temperature - max 50 °C Ambient operating temperature at 150% overload - min -...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX010A2-5A4N1 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 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.