

INDUSTRIAL COMPONENT DATA

SPX550A0-4A2N1 125674 Y7-125674 EATON ELECTRIC

Variable frequency drive, 400 V AC, 3-phase, 355 kW, IP00, OL..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX550A0-4A2N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX550A0-4A2N1
Catalog number	Y7-125674
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-96CE32267B
Generated	2026-08-05

Product Overview

Variable frequency drive, 400 V AC, 3-phase, 355 kW, IP00, OLED display, FR11

SPX550A0-4A2N1

Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage: Ue = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Output voltage with Ve: U2 = 400 V AC, 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 380 (-15%) - 500 (+10%) V, Rated operational current At 150% overload: Ie = 650 A, Rated operational current At 110% overload: Ie = 730 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 = 355 kW, 110 % Overload: P = 400 kW, 110 % Overload: IM = 683 A, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: P = 550 HP, 110 % Overload: P = 600 HP, Degree of Protection: IP00, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: OLED display, 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

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 125674 Model Code SPX550A0-4A2N1 EAN

4015081232840 Product Length/Depth 1155 mm Product Height 503 mm Product Width 709 mm Product Weight 350 kg

Certifications CE

CUL

Specification for general requirements: IEC/EN 61800-2

UL 508C

CSA-C22.2 No. 14

IEC/EN61800-5

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

UL

UL File No.: E134360

CSA Class No.: 3211-06

RoHS, ISO 9001

IEC/EN 61800-3

IEC/EN61800-3

Safety: EN 61800-5-1: 2003

DNV

RCM

UL report applies to both US and Canada

Certified by UL for use in Canada General

Degree of protection IP00

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

OLED display

Internal DC link

PC connection

IGBT inverter Frame size FR11 Functions 4-quadrant operation possible 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 Above 1000 m with 1 % performance reduction per 100 m

Max. 3000 m

Max. 1000 m Ambient operating temperature - min -10 °C Ambient operating temperature - max 40 °C Ambient operating temperature at 150%....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX550A0-4A2N1 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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