

**INDUSTRIAL COMPONENT DATA**

# SPX075A2-4A1B1 138612 Y7-138612 EATON ELECTRIC

## Variable frequency drive, 400 V AC, 3-phase, 55 kW, IP54, Rad..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX075A2-4A1B1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SPX075A2-4A1B1                     |
| Catalog number  | Y7-138612                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-E37C93D3E9                      |
| Generated       | 2026-08-02                         |

### Product Overview

Variable frequency drive, 400 V AC, 3-phase, 55 kW, IP54, Radio interference suppression filter, Brake chopper, OLED display, DC link choke, FR8

SPX075A2-4A1B1

Variable frequency drive, Part group reference (e.g. DIL): SPX, Rated operational voltage:  $U_e = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Output voltage with  $V_e$ :  $U_2 = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, 500 V AC, 3-phase, Mains voltage (50/60Hz):  $U_{LN} = 380 (-15\%) - 500 (+10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 105 \text{ A}$ , Rated operational current At 110% overload:  $I_e = 140 \text{ A}$ , 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 400 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 55 \text{ kW}$ , 110 % Overload:  $P = 75 \text{ kW}$ , 150 % Overload:  $I_M = 99 \text{ A}$ , 110 % Overload:  $I_M = 134 \text{ A}$ , Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 75 \text{ HP}$ , 110 % Overload:  $P = 100 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 96 \text{ A}$ , 110 % Overload:  $I_M = 124 \text{ A}$ , Degree of Protection: IP54, 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: FR8, Standards: Specification for general requirements: IEC/...

**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

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### General specifications

Product Name Eaton SPX variable frequency drive Catalog Number 138612 Model Code SPX075A2-4A1B1 EAN 4015081353927 Product Length/Depth 758 mm Product Height 344 mm Product Width 291 mm Product Weight 58 kg  
Certifications DNV

RCM

CE

Safety: EN 61800-5-1: 2003

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

RoHS, ISO 9001

UL 508C

UL report applies to both US and Canada

CUL

IEC/EN 61800-3

UL

CSA-C22.2 No. 14

CSA Class No.: 3211-06

UL File No.: E134360

Specification for general requirements: IEC/EN 61800-2

Certified by UL for use in Canada

IEC/EN61800-3

IEC/EN61800-5 General

Degree of protection IP54

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

IGBT inverter

Brake chopper

Radio interference suppression filter

Internal DC link

DC link choke Frame size FR8 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. 3000 m

Above 1000 m with 1 % performance reduction per 100 m

Max. 1000 m Ambient operating temperature - min -10 °C Ambient operating temperature - max 50 °C Ambient operating temperature at 150% over...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX075A2-4A1B1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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