

## INDUSTRIAL COMPONENT DATA

# SPX400A1-4A4N1 125432 EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 250 kW, IP21, Radio interf..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX400A1-4A4N1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SPX400A1-4A4N1                     |
| Catalog number  | 125432                             |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-D85535EE29                      |
| Generated       | 2026-08-04                         |

## Product Overview

Variable frequency drive, 400 V AC, 3-phase, 250 kW, IP21, Radio interference suppression filter, OLED display, DC link choke, FR11

Frequency converter; High performance; 590 A; 315 kW; IP21; 400 V AC; Class C3 EMC Filter

## 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, 250 kW, IP21, Radio interference suppression filter, OLED display, FR11Variable 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:  $I_e$  = 520 A, Rated operational current At 110% overload:  $I_e$  = 590 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:  $P$  = 250 kW, 110 % Overload:  $P$  = 315 kW, 150 % Overload:  $I_M$  = 437 A, 110 % Overload:  $I_M$  = 544 A, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P$  = 400 HP, 110 % Overload:  $P$  = 500 HP, Assigned motor rating 150 % Overload:  $I_M$  = 477 A, 110 % Overload:  $I_M$  = 590 A, Degree of Protection: IP21, 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:

FR11, 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 frequency drives Part group refer...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX400A1-4A4N1 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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