

**INDUSTRIAL COMPONENT DATA**

# SVX006A2-4A1B1 125683 EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 9 A, IP54, Radio interfere..

Brand: EATON - MOELLER | Manufacturer Part Number: SVX006A2-4A1B1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SVX006A2-4A1B1                     |
| Catalog number  | 125683                             |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-8CFF2975C6                      |
| Generated       | 2026-08-05                         |

## Product Overview

Variable frequency drive, 400 V AC, 3-phase, 9 A, IP54, Radio interference suppression filter, Brake chopper, OLED display, DC link choke, FR4

Frequency converter; 12 A; 5.5 kW; IP54; 400 V AC; Class C2 EMC filter; Braking transistor

Variable frequency drive, Part group reference (e.g. DIL): SVX, 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:  $I_e = 9 \text{ A}$ , Rated operational current At 110% overload:  $I_e = 12 \text{ A}$ , 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:  $P = 4 \text{ kW}$ , 110 % Overload:  $P = 5.5 \text{ kW}$ , 150 % Overload:  $I_M = 8.5 \text{ A}$ , 110 % Overload:  $I_M = 11.3 \text{ A}$ , Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 5 \text{ HP}$ , 110 % Overload:  $P = 7.5 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 7.6 \text{ A}$ , 110 % Overload:  $I_M = 11 \text{ A}$ , 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,....

**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 SVX Variable frequency drive Catalog Number 125683 Model Code SVX006A2-4A1B1 EAN 4015081232932 Product Length/Depth 327 mm Product Height 190 mm Product Width 128 mm Product Weight 5 kg

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

IEC/EN61800-5

CSA-C22.2 No. 14

IEC/EN 61800-3

IEC/EN61800-3

Specification for general requirements: IEC/EN 61800-2

Certified by UL for use in Canada

CUL

UL File No.: E134360

RoHS, ISO 9001

RCM

UL report applies to both US and Canada

CE

CSA Class No.: 3211-06

DNV

Safety: EN 61800-5-1: 2003

UL

UL 508C General

Communication interface DeviceNet, optional

CANopen®, optional

PROFIBUS-DP

LonWorks, optional

BACnet/IP, optional

Modbus-TCP, optional

BACnet MS/TP, optional

EtherCAT, optional

Ethernet IP, optional

Modbus-RTU, optional

PROFINET, optional Connection to SmartWire-DT No Degree of protection IP54

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

Internal DC link

IGBT inverter

OLED display

Radio interference suppression filter Frame size FR4 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...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SVX006A2-4A1B1 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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