

**INDUSTRIAL COMPONENT DATA**

# SVX002A1-5A4N2 180533 EATON ELECTRIC Variable frequency drive

Brand: EATON - MOELLER | Manufacturer Part Number: SVX002A1-5A4N2



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | SVX002A1-5A4N2                     |
| Catalog number  | 180533                             |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-76358CC703                      |
| Generated       | 2026-08-03                         |

## Product Overview

Variable frequency drive  
SVX FreqD 2,2kW 690V IP21 w/coat

**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 driveDelivery program  
Product rangeVariable frequency drivesPart group reference (e.g. DIL)SVXRated operational voltage [Ue]600 V AC, 3-phase  
690 V AC, 3-phaseOutput voltage with Ve[U2]600 V AC, 3-phase  
690 V AC, 3-phaseMains voltage (50/60Hz) [ULN]525 (-15%) - 690 (±10%) VRated operational current [Ie]At 150% overload [Ie]3.2 AAt 110% overload [Ie]4.5 AAssigned motor ratingNoteFor AC motors with internal and external ventilation with 50 Hz / 60 HzNoteOverload cycle for 60 s every 600 sNoteat 690 V, 50 Hz150 % Overload [P]2.2 kW110 % Overload [P]3 kW150 % Overload [IM]2.9 A110 % Overload [IM]3.8 ANoteat 690 V, 60 Hz150 % Overload [P]2 HP110 % Overload [P]3 HP150 % Overload [IM]2.3 A110 % Overload [IM]3.4 ADegree of ProtectionIP21Fieldbus connection (optional)PROFIBUS-DP  
PROFINET  
EtherCAT  
EtherNet/IP  
LonWorks

CANopen®

DeviceNet

Modbus-TCP

Modbus-RTU

BACnet MS/TP Fitted with Radio interference suppression filter

OLED display

Additional PCB protection Frame size FR6 Connection to SmartWire-DT no Technical data

General Standards General requirements: IEC/EN 61800-2

EMV requirements: IEC/EN 61800-3

Safety requirements: IEC/EN 61800-5-1 Certifications CE, UL, cUL, RCM Approvals DNV Production quality RoHS, ISO

9001 Climatic proofing [?w] < 95% relative humidity, no condensation, no corrosion, no dripping water % Air quality 3C2,

3S2 Ambient temperature Operating ambient temperature min. -10 °C Ambient temperature Operating ambient temperature max. +50 °C Ambient temperature operation (110...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SVX002A1-5A4N2 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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