

INDUSTRIAL COMPONENT DATA

SVX025A1-5A4N2 180549 EATON ELECTRIC Variable frequency drive

Brand: EATON - MOELLER | Manufacturer Part Number: SVX025A1-5A4N2



Manufacturer	EATON - MOELLER
MPN / Reference	SVX025A1-5A4N2
Catalog number	180549
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-7478238B2B
Generated	2026-07-29

Product Overview

Variable frequency drive
SVX FreqD 22kW 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]27 AAt 110% overload [Ie]34 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]22 kW110 % Overload [P]30 kW150 % Overload [IM]23.8 A110 % Overload [IM]32 ANoteat 690 V, 60 Hz150 % Overload [P]25 HP110 % Overload [P]30 HP150 % Overload [IM]23 A110 % Overload [IM]28 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 / SVX025A1-5A4N2 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.