

INDUSTRIAL COMPONENT DATA

SVX040A2-4A1B1 138452 EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 61 A, IP54, Radio interfer..

Brand: EATON - MOELLER | Manufacturer Part Number: SVX040A2-4A1B1



Manufacturer	EATON - MOELLER
MPN / Reference	SVX040A2-4A1B1
Catalog number	138452
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-ED89C2FF13
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Product Overview

Variable frequency drive, 400 V AC, 3-phase, 61 A, IP54, Radio interference suppression filter, Brake chopper, OLED display, DC link choke, FR7

Frequency converter; 72 A; 37 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: $I_e = 61 \text{ A}$, Rated operational current At 110% overload: $I_e = 72 \text{ A}$, 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: $P = 30 \text{ kW}$, 110 % Overload: $P = 37 \text{ kW}$, 150 % Overload: $I_M = 55 \text{ A}$, 110 % Overload: $I_M = 68 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 40 \text{ HP}$, 110 % Overload: $P = 50 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 52 \text{ A}$, 110 % Overload: $I_M = 65 \text{ A}$, 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, Fra...

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 138452 Model Code SVX040A2-4A1B1 EAN 4015081352319 Product Length/Depth 640 mm Product Height 257 mm Product Width 237 mm Product Weight 58 kg

Certifications Certified by UL for use in Canada

IEC/EN 61800-3

CE

CUL

UL

CSA-C22.2 No. 14

UL report applies to both US and Canada

DNV

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

UL File No.: E134360

RoHS, ISO 9001

IEC/EN61800-5

RCM

UL 508C

CSA Class No.: 3211-06

IEC/EN61800-3

Specification for general requirements: IEC/EN 61800-2

Safety: EN 61800-5-1: 2003 General

Communication interface BACnet/IP, optional

DeviceNet, optional

PROFIBUS-DP

Modbus-TCP, optional

LonWorks, optional

CANopen®, 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: DC link choke

Radio interference suppression filter

IGBT inverter

OLED display

Brake chopper

Internal DC link Frame size FR7 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 Branc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SVX040A2-4A1B1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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