

INDUSTRIAL COMPONENT DATA

SPX650A0-4A2N1 125457 Y7-125457 EATON ELECTRIC

Variable frequency drive SVX 3-/3-phase 450 kW 480 V degree O..

Brand: EATON - MOELLER | Manufacturer Part Number: SPX650A0-4A2N1



Manufacturer	EATON - MOELLER
MPN / Reference	SPX650A0-4A2N1
Catalog number	Y7-125457
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-2BB0388DB7
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Product Overview

Variable frequency drive SVX 3-/3-phase 450 kW 480 V; degree of protection IP00; integrated EMC filter
SPX650A0-4A2N1

Variable frequency drive, 400 V AC, 3-phase, 450 kW, IP00, OLED display, FR12

Variable frequency drive, Part group reference (e.g. DIL): SPX, 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: $I_e = 820 \text{ A}$, Rated operational current At 110% overload: $I_e = 920 \text{ A}$, 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: $P = 450 \text{ kW}$, 110 % Overload: $P = 500 \text{ kW}$, 150 % Overload: $I_M = 769 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 650 \text{ HP}$, 110 % Overload: $P = 700 \text{ HP}$, Degree of Protection: IP00, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: OLED display, Frame size: FR12, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

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
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Additional Product Information

Variable frequency drive, 400 V AC, 3-phase, 450 kW, IP00, OLED display, FR12Variable frequency drive, Part group

reference (e.g. DIL): SPX, 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: $I_e = 820 \text{ A}$, Rated operational current At 110% overload: $I_e = 920 \text{ A}$, 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: $P = 450 \text{ kW}$, 110 % Overload: $P = 500 \text{ kW}$, 150 % Overload: $IM = 769 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 650 \text{ HP}$, 110 % Overload: $P = 700 \text{ HP}$, Degree of Protection: IP00, Fieldbus connection (optional): PROFIBUS-DP, LonWorks, CANopen®, DeviceNet, Modbus-TCP, BACnet/IP, Fitted with: OLED display, Frame size: FR12, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

General specifications
Product name Eaton SPX variable frequency drive
Part no. SPX650A0-4A2N1
EAN 4015081230631
Product Length/Depth 115 millimetre
Product height 36.2 millimetre
Product width 96 millimetre
Product weight 550 kilogram
Certifications CSA-C22.2 No. 14
UL
RoHS, ISO 900...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / SPX650A0-4A2N1 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

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