

INDUSTRIAL COMPONENT DATA

DC1-122D3FN-A6SN 169242 EATON ELECTRIC

DC1-122D3FN-A6SN Variable Frequency Drive, 1~/3~ 230 V, 2.3 A, 0.37 k..

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-122D3FN-A6SN



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-122D3FN-A6SN
Catalog number	169242
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
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Product Overview

DC1-122D3FN-A6SN Variable Frequency Drive, 1~/3~ 230 V, 2.3 A, 0.37 kW, EMC-Filter

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 230 \text{ V AC}$, 1-phase, 240 V AC, single-phase, Output voltage with V_e : $U_2 = 230 \text{ V AC}$, 3-phase, 240 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 200 (-10\%) - 240 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 2.3 \text{ A}$, Note: Rated operational current at a switching frequency of 16 kHz and an ambient air temperature of $+40^\circ \text{C}$, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1 at 50 Hz or 1800 min-1 at 60 Hz , Overload cycle for 60 s every 600 s, at 230 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 0.37 \text{ kW}$, 150 % Overload: $I_M = 2 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 0.5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 2.2 \text{ A}$, Degree of Protection: IP66/NEMA 4X, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: Radio interference suppression filter, 7-digital display assembly, Local controls, Frame size: FS1, Connection to SmartWire-DT: with SmartWire-DT module DX-NET-SWD2 , Standards: Specification for general requirements: IEC/EN 61800-2...

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 > Power XL Frequency Converters**

Additional Product Information

Delivery programme Product range Variable frequency drives

Part group reference (e.g. DIL) DC1

Rated operational voltage Ue 230 V AC, 1-phase

240 V AC, single-phase

Output voltage with Ve U2 230 V AC, 3-phase

240 V AC, 3-phase

Mains voltage (50/60Hz) ULN V 200 (-10%) - 240 (+10%)

Rated operational current

At 150% overload Ie A 2.3

Note Rated operational current at a switching frequency of 16 kHz and an ambient air temperature of +40 °C

Note Overload cycle for 60 s every 600 s

Assigned motor rating

Note for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1at 50 Hz or 1800 min-1at 60 Hz

Note Overload cycle for 60 s every 600 s

Note at 230 V, 50 Hz

150 % Overload P kW 0.37

150 % Overload IM A 2

Note at 220 - 240 V, 60 Hz

150 % Overload P HP 0.5

150 % Overload IM A 2.2

Degree of Protection IP66/NEMA 4X

Interface/field bus (built-in) OP-Bus (RS485)/Modbus RTU, CANopen®

Fieldbus connection (optional) SmartWire-DT

Fitted with Radio interference suppression filter

7-digital display assembly

Local controls

Frame size FS1

Connection to SmartWire-DT with SmartWire-DT module DX-NET-SWD2

Technical data General

Standards Specification for general requirements: IEC/EN 61800-2

EMC requirements: IEC/EN 61800-3

Safety requirements: IEC/EN 61800-5-1

Certifications CE, UL, cUL, c-Tick, Ukr Sepro, EAC

Production quality RoHS, ISO 9001

Climatic proofing ?w % < 95%, average relative humidity (RH), non-condensing, non-corrosive

Ambient temperature

0...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-122D3FN-A6SN 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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