

INDUSTRIAL COMPONENT DATA

DC1-1D4D3NN-A20N 169506 EATON ELECTRIC Variable Frequency Drive, 1 ph 115 V, 4.3 A, 1 kW

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-1D4D3NN-A20N



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-1D4D3NN-A20N
Catalog number	169506
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-EC08D9B823
Generated	2026-08-03

Product Overview

Variable Frequency Drive, 1 ph 115 V, 4.3 A, 1 kW

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 115$ V AC, single-phase, Output voltage with V_e : $U_2 = 230$ V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 110$ (-10%) - 115 (+10%) V, Rated operational current At 150% overload: $I_e = 4.3$ A, Note: Rated operational current at an operating frequency of 16 kHz and an ambient air temperature of +50 °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: $P = 0.75$ kW, 150 % Overload: $I_M = 3.2$ A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1$ HP, Assigned motor rating 150 % Overload: $I_M = 4.2$ A, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: 7-digital display assembly, Frame size: FS1, Connection to SmartWire-DT: with SmartWire-DT module DX-NET-SWD3, 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 > Power XL Frequency Converters
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Additional Product Information

Variable frequency drive, 115 V AC, single-phase, 4.3 A, 0.75 kW, IP20/NEMA 0, FS1 Eaton Catalog No.

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This item will continue to be available for a limited time only and...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-1D4D3NN-A20N 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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