

INDUSTRIAL COMPONENT DATA

DC1-344D1NN-A20N 169456 EATON ELECTRIC Variable Frequency Drive, 3-/3- 400 V, 4.1 A, 1.5 kW

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-344D1NN-A20N



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-344D1NN-A20N
Catalog number	169456
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-FDB2C0E70A
Generated	2026-08-05

Product Overview

Variable Frequency Drive, 3-/3- 400 V, 4.1 A, 1.5 kW

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, Output voltage with V_e : $U_2 = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 380 (-10%) - 480 (+10%) V, Rated operational current At 150% overload: $I_e = 4.1 \text{ A}$, 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 400 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 1.5 \text{ kW}$, 150 % Overload: $I_M = 3.6 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 2 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 3.4 \text{ A}$, 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, 400 V AC, 3-phase, 4.1 A, 1.5 kW, IP20/NEMA 0, FS1 Eaton Catalog No. DC1-344D1NN-A20N
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This item will continue to be available f...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-344D1NN-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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