

INDUSTRIAL COMPONENT DATA

DC1-1D5D8NB-A6SN 169511 EATON ELECTRIC Converter of Frequency 1/1 115 V 5.8 1.5 kW Transistor Braking

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-1D5D8NB-A6SN



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-1D5D8NB-A6SN
Catalog number	169511
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-2D40837CEC
Generated	2026-08-06

Product Overview

Converter of Frequency; 1/1; 115 V; 5.8; 1.5 kW; Transistor Braking

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: $I_e = 5.8$ A, 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-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: $P = 1.1$ kW, 150 % Overload: $I_M = 4.6$ A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1.5$ HP, Assigned motor rating 150 % Overload: $I_M = 5.8$ 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: Brake chopper, 7-digital display assembly, Local controls, Frame size: FS2, Connection to SmartWire-DT: with SmartWire-DT module DX-NET-SWD2, 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, 5.8 A, 1.1 kW, IP66/NEMA 4X, Brake chopper, Local controls, FS2 Eaton Catalog No. DC1-1D5D8NB-A6SN 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): $U_{LN} =$

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-1D5D8NB-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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