

INDUSTRIAL COMPONENT DATA

DC1-S2011NB-A20N 169518 EATON ELECTRIC Variable Frequency Drive, 1-/1- 230 V, 10.5 A, 1.1 kW, Brake-Chopper

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-S2011NB-A20N



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-S2011NB-A20N
Catalog number	169518
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-38549DBAF8
Generated	2026-08-06

Product Overview

Variable Frequency Drive, 1-/1- 230 V, 10.5 A, 1.1 kW, Brake-Chopper

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 Ve: $U_2 = 230 \text{ V AC}$, single-phase, 240 V AC, single-phase, Mains voltage (50/60Hz): $U_{LN} = 200 (-10\%) - 240 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 10.5 \text{ A}$, Note: Rated operational current at an operating frequency of 16 kHz and an ambient air temperature of $+50 \text{ }^\circ\text{C}$, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: For AC motors with internal and external ventilation with 50/60 Hz without additional start capacitor, Overload cycle for 60 s every 600 s, at 230 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 1.1 \text{ kW}$, 150 % Overload: $I_M = 10.5 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1.5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 9.6 \text{ A}$, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: Brake chopper, 7-digital display assembly, Frame size: FS2, 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, 230 V AC, 1-phase, 10.5 A, 1.1 kW, IP20/NEMA 0, Brake chopper, FS2 Eaton Catalog No. DC1-S2011NB-A20N 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 Ve: $U_2 = 230 \text{ V AC}$, single-phase, 240 V AC, single-phase,

Mains voltage (50/60Hz): ULN = 200 (-10%) - 240 (+10%) V, Rated operational current At 150% overload: $I_e = 10.5 \text{ A}$,
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 AC motors with internal and external ventilation with
50/60 Hz without additional start capacitor, Overload cycle for 60 s every 600 s, at 230 V, 50 Hz, Assigned motor rating 150
% Overload: $P = 1.1 \text{ kW}$, 150 % Overload: $I_M = 10.5 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor
rating 150 % Overload: $P = 1.5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 9.6 \text{ A}$, Degree of Protection: IP20/NEMA
0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT,
Fitted with: Brake chopper, 7-digital display assembly, Frame size: FS2, 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 [Delivery program

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-S2011NB-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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requirements against the manufacturer documentation before purchase or installation.