

INDUSTRIAL COMPONENT DATA

**DM1-34031EB-N20B-EM 3-5031-003A EATON ELECTRIC
DM1-34031EB-N20B-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-34031EB-N20B-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-34031EB-N20B-EM
Catalog number	3-5031-003A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-4125D00399
Generated	2026-08-05

Product Overview

DM1-34031EB-N20B-EM

Variable frequency drive, 400 V AC, 3-phase, 31 A, 15 kW, IP20/NEMA0, Radio interference suppression filter, Brake chopper

Variable frequency drive DM1, Mains voltage: 380 - 480 V AC, 3-phase, Nominal output current: 31 A, Output at linear load at rated output voltage - max: 15 kW, fitted with: IGBT inverter, Brake chopper, DC link choke, Internal DC link, Radio interference suppression filter, Breaking resistance, PC connection, Frame Size: FS4

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

EL-Nummer (Norway)4132261Variable frequency drive, 400 V AC, 3-phase, 31 A, 15 kW, IP20/NEMA0, Radio interference suppression filter, Brake chopperVariable frequency drive, DM1, Output voltage with V_e : 400 V AC, 3-phase, Mains voltage (50/60Hz): 380 (-10%) - 500 (+10%) V, Rated operational current At 150% overload: 31 A, at 400 V, 50 Hz, 150 % Overload: 15 kW, 110 % Overload: 18.5 kW, Degree of Protection: IP20/NEMA0, Interface/field bus (built-in): Modbus RTU, Fieldbus connection (optional): Profibus, CAN, DeviceNet, SmartWireDT, Fitted with: Radio interference suppression filter, Brake chopper, Parameterization: Keypad, Fieldbus, Power Xpert inControl, Frame size: FS4, Connection to SmartWire-DT: yes, in conjunction with DXG-NET-SWD SmartWire DT moduleDelivery program

Product rangeVariable frequency drivesPart group reference (e.g. DIL)DM1Rated operational voltage [U_e]400 V AC, 3-phase

480 V AC, 3-phase

500 V AC, 3-phase Output voltage with $V_e[U_2]$ 400 V AC, 3-phase
480 V AC, 3-phase
500 V AC, 3-phase Mains voltage (50/60Hz) $[U_{LN}]$ 380 (-10%) - 500 (+10%) V Rated operational current $[I_e]$ At 150%
overload $[I_e]$ 31 A At 110% overload $[I_e]$ 38 A Note Rated operational current for a switching frequency of 1 - 16 kHz and an
ambient temperature of +50 °C for a 150% overload and +40 °C for a 110% overload 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
for PM motors Note Overload cycle fo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-34031EB-N20B-EM 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification
requirements against the manufacturer documentation before purchase or installation.