

INDUSTRIAL COMPONENT DATA

**DM1-34031NB-S20S-EM 3-5016-003A EATON ELECTRIC
DM1-34031NB-S20S-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-34031NB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-34031NB-S20S-EM
Catalog number	3-5016-003A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-2F683CB6D7
Generated	2026-08-04

Product Overview

DM1-34031NB-S20S-EM

Variable frequency drive, 400 V AC, 3-phase, 31 A, 15 kW, IP20/NEMA0, 7-digital display assembly, Setpoint potentiometer, Brake chopper, STO (Safe Torque Off, SIL2, PLd Cat 3)

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: DC link choke, Setpoint potentiometer, 7-digital display assembly, Internal DC link, IGBT inverter, Brake chopper, Breaking resistance, Control unit, 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
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Additional Product Information

EL-Nummer (Norway)4132238Variable frequency drive, 400 V AC, 3-phase, 31 A, 15 kW, IP20/NEMA0, 7-digital display assembly, Setpoint potentiometer, Brake chopper, STO (Safe Torque Off, SIL2, PLd Cat 3)Variable frequency drive, DM1, Output voltage with Ve: 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, Modbus TCP, BACnet MS/TP, Ethernet IP, BACnet TCP, Fieldbus connection (optional): Profibus, CAN, DeviceNet, SmartwireDT, Fitted with: 7-digital display assembly, Setpoint potentiometer, 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 [Ue]400 V AC, 3-phase

480 V AC, 3-phase

500 V AC, 3-phaseOutput voltage with $V_e[U_2]$ 400 V AC, 3-phase

480 V AC, 3-phase

500 V AC, 3-phaseMains voltage (50/60Hz) [ULN]380 (-10%) - 500 (+10%) VRated operational current [I_e]At 150%

overload [I_e]31 AAt 110% overload [I_e]38 ANoteRated 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% overloadAssigned motor ratingNotefor normal internally and externally ventilated 4 p...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-34031NB-S20S-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

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