

INDUSTRIAL COMPONENT DATA

DM1-34031EB-S20S-EM 3-5015-003A EATON ELECTRIC

DM1-34031EB-S20S-EM

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



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-34031EB-S20S-EM
Catalog number	3-5015-003A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-82720DFD3C
Generated	2026-08-04

Product Overview

DM1-34031EB-S20S-EM

Eaton DM1 Variable frequency drive, 400 V AC, 3-phase, 31 A, 15 kW, IP20/NEMA0, Radio interference suppression filter, 7-digital display assembly, Setpoint potentiometer, Brake chopper, FS4

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: 7-digital display assembly, Internal DC link, IGBT inverter, DC link choke, Brake chopper, Setpoint potentiometer, Radio interference suppression filter, 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

General specifications

Product Name Eaton DM1 Variable frequency drive Catalog Number 3-5015-003A Model Code DM1-34031EB-S20S-EM
EAN 4015081981069 Product Length/Depth 195 mm Product Height 300 mm Product Width 184 mm Product Weight 6.3 kg
Certifications UL 508C

UL File No.: E134360

RoHS, ISO 9001

UL Category Control No.: NMMS, NMMS7

IEC/EN61800-3

IEC/EN 61800-2

CSA-C22.2 No. 274-13

UL report applies to both US and Canada

CUL

CE

CE marking

IEC/EN61800-5

UkrSEPRO

UL

Certified by UL for use in Canada

IEC/EN 61800-3

IEC/EN 61800-5-1

CSA-C22.2 No. 274-17

EAC

C-Tick

UL Listed General

Air volume capacity 98 m³/h Cable length C2 ≤ 5 m, maximum motor cable length

C3 ≤ 25 m, maximum motor cable length Communication interface SmartWire-DT, optional

Modbus RTU, built in

Modbus TCP, built in

BACnet TCP

PROFIBUS, optional

Ethernet IP, built in

BACnet MS/TP, built in

CANopen®, optional

DeviceNet, optional Connection to SmartWire-DT Yes

In conjunction with DXG-NET-SWD SmartWire DT module Degree of protection IP20

NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Environmental class 3C2, 3S2 (Air quality) Features Parameterization: Keypad

Parameterization: Power Xpert inControl

Temperature-controlled fan

Parameterization: Fieldbus Fitted with: 7-digital display assembly

Internal DC link

IGBT inverter

Brake chopper

Setpoint potentiometer

Radio interference suppression filter

Breaking resistance

Control unit

PC connection Frame size FS4 Mounting posit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-34031EB-S20S-EM with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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