

INDUSTRIAL COMPONENT DATA

**DM1-32025EB-S20S-EM 3-5005-002A EATON ELECTRIC
DM1-32025EB-S20S-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-32025EB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-32025EB-S20S-EM
Catalog number	3-5005-002A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-0901D06EB1
Generated	2026-08-04

Product Overview

DM1-32025EB-S20S-EM

Variable frequency drive, 230 V AC, 3-phase, 25 A, 5.5 kW, IP20/NEMA0, Radio interference suppression filter, 7-digital display assembly, Setpoint potentiometer, Brake chopper, STO (Safe Torque Off, SIL2, PLd Cat 3)

Variable frequency drive DM1, Mains voltage: 200 - 240 V AC, 3-phase, Nominal output current: 25.3 A, Output at linear load at rated output voltage - max: 5.5 kW, fitted with: Internal DC link, DC link choke, IGBT inverter, Radio interference suppression filter, Brake chopper, 7-digital display assembly, Setpoint potentiometer, Breaking resistance, Control unit, PC connection, Frame Size: FS3

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

General specifications

Product Name Eaton DM1 Variable frequency drive Catalog Number 3-5005-002A Model Code DM1-32025EB-S20S-EM
EAN 4015081980857 Product Length/Depth 180 mm Product Height 260 mm Product Width 130 mm Product Weight 3.7 kg
Certifications UL report applies to both US and Canada

IEC/EN61800-5

IEC/EN 61800-3

Certified by UL for use in Canada

CSA-C22.2 No. 274-17

UL

UL 508C

UL Category Control No.: NMMS, NMMS7

CSA-C22.2 No. 274-13

UL Listed

EAC

CE

RoHS, ISO 9001

IEC/EN 61800-2

UL File No.: E134360

IEC/EN 61800-5-1

IEC/EN61800-3

CE marking

UkrSEPRO

CUL

C-Tick General

Air volume capacity 72 m³/h Cable length C3 ≤ 25 m, maximum motor cable length

C2 ≤ 5 m, maximum motor cable length Communication interface CANopen®, optional

SmartWire-DT, optional

Modbus TCP, built in

BACnet TCP

BACnet MS/TP, built in

Ethernet IP, built in

PROFIBUS, optional

Modbus RTU, built in

DeviceNet, optional Connection to SmartWire-DT In conjunction with DXG-NET-SWD SmartWire DT module

Yes 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: Fieldbus

Temperature-controlled fan

Parameterization: Keypad

Parameterization: Power Xpert inControl Fitted with: Internal DC link

IGBT inverter

Radio interference suppression filter

Brake chopper

7-digital display assembly

Setpoint potentiometer

Breaking resistance

Control unit

PC connection Frame size FS3 Mounting posit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-32025EB-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

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.