

INDUSTRIAL COMPONENT DATA

DM1-34012EB-S20S-EM 3-5011-005A EATON ELECTRIC

DM1-34012EB-S20S-EM

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-34012EB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-34012EB-S20S-EM
Catalog number	3-5011-005A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-4CCFF0CC00
Generated	2026-08-04

Product Overview

DM1-34012EB-S20S-EM

Eaton DM1 Variable frequency drive, 400 V AC, 3-phase, 12 A, 5.5 kW, IP20/NEMA0, Radio interference suppression filter, 7-digital display assembly, Setpoint potentiometer, Brake chopper, FS2

Variable frequency drive DM1, Mains voltage: 380 - 480 V AC, 3-phase, Nominal output current: 12 A, Output at linear load at rated output voltage - max: 5.5 kW, fitted with: IGBT inverter, Radio interference suppression filter, Brake chopper, DC link choke, Internal DC link, 7-digital display assembly, Setpoint potentiometer, Breaking resistance, Control unit, PC connection, Frame Size: FS2

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 3-5011-005A Model Code DM1-34012EB-S20S-EM

EAN 4015081981038 Product Length/Depth 180 mm Product Height 220 mm Product Width 109 mm Product Weight 2.6 kg

Certifications CUL

UL File No.: E134360

IEC/EN 61800-3

IEC/EN 61800-5-1

CSA-C22.2 No. 274-17

IEC/EN61800-5

UL Category Control No.: NMMS, NMMS7

CE

Certified by UL for use in Canada

IEC/EN61800-3

UL 508C

IEC/EN 61800-2

C-Tick

CSA-C22.2 No. 274-13

CE marking

UL

UkrSEPRO

UL report applies to both US and Canada

RoHS, ISO 9001

EAC

UL Listed General

Air volume capacity 64 m³/h Cable length C2 ≤ 5 m, maximum motor cable length

C3 ≤ 25 m, maximum motor cable length Communication interface Ethernet IP, built in

SmartWire-DT, optional

Modbus TCP, built in

BACnet TCP

CANopen®, optional

PROFIBUS, optional

Modbus RTU, built in

BACnet MS/TP, 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: Power Xpert inControl

Temperature-controlled fan

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: IGBT inverter

Radio interference suppression filter

Brake chopper

Internal DC link

7-digital display assembly

Setpoint potentiometer

Breaking resistance

Control unit

PC connection Frame size FS2 Mounting posit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-34012EB-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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