

INDUSTRIAL COMPONENT DATA

**DM1-345D6EB-S20S-EM 3-5009-008A EATON ELECTRIC
DM1-345D6EB-S20S-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-345D6EB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-345D6EB-S20S-EM
Catalog number	3-5009-008A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-EE40414234
Generated	2026-08-04

Product Overview

DM1-345D6EB-S20S-EM

Eaton DM1 Variable frequency drive, 400 V AC, 3-phase, 5.6 A, 2.2 kW, IP20/NEMA0, Radio interference suppression filter, 7-digital display assembly, Setpoint potentiometer, Brake chopper, FS1

Variable frequency drive DM1, Mains voltage: 380 - 480 V AC, 3-phase, Nominal output current: 5.6 A, Output at linear load at rated output voltage - max: 2.2 kW, fitted with: Radio interference suppression filter, Brake chopper, Internal DC link, DC link choke, Setpoint potentiometer, 7-digital display assembly, IGBT inverter, Breaking resistance, Control unit, PC connection, Frame Size: FS1

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 3-5009-008A Model Code DM1-345D6EB-S20S-EM
EAN 4015081981014 Product Length/Depth 180 mm Product Height 152 mm Product Width 72 mm Product Weight 1.2 kg
Certifications C-Tick

UL

UL report applies to both US and Canada

RoHS, ISO 9001

CSA-C22.2 No. 274-13

IEC/EN 61800-3

IEC/EN61800-3

CE

EAC

IEC/EN61800-5

CE marking

CUL

IEC/EN 61800-2

UL 508C

Certified by UL for use in Canada

UkrSEPRO

IEC/EN 61800-5-1

UL Category Control No.: NMMS, NMMS7

UL Listed

CSA-C22.2 No. 274-17

UL File No.: E134360 General

Air volume capacity 26 m³/h Cable length C2 ≤ 5 m, maximum motor cable length

C3 ≤ 25 m, maximum motor cable length Communication interface Modbus TCP, built in

Ethernet IP, built in

PROFIBUS, optional

SmartWire-DT, optional

Modbus RTU, built in

BACnet MS/TP, built in

DeviceNet, optional

BACnet TCP

CANopen®, 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: Power Xpert inControl

Temperature-controlled fan

Parameterization: Keypad

Parameterization: Fieldbus Fitted with: Radio interference suppression filter

Brake chopper

Internal DC link

Setpoint potentiometer

7-digital display assembly

IGBT inverter

Breaking resistance

Control unit

PC connection Frame size FS1 Mounting positi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-345D6EB-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.