

INDUSTRIAL COMPONENT DATA

DM1-121D6NB-S20S-EM 3-5046-004A EATON ELECTRIC

DM1-121D6NB-S20S-EM

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-121D6NB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-121D6NB-S20S-EM
Catalog number	3-5046-004A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-36AF26E8FE
Generated	2026-08-06

Product Overview

DM1-121D6NB-S20S-EM

Variable frequency drive, 230 V AC, 1-phase, 1.6 A, 0.25 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: 200 - 240 V AC, 1-phase, Nominal output current: 1.6 A, Output at linear load at rated output voltage - max: 0.18 kW, fitted with: 7-digital display assembly, IGBT inverter, Setpoint potentiometer, Brake chopper, DC link choke, Internal DC link, 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
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Additional Product Information

General specifications

Product Name Eaton DM1 Variable frequency drive Catalog Number 3-5046-004A Model Code DM1-121D6NB-S20S-EM
EAN 4015081980581 Product Length/Depth 180 mm Product Height 152 mm Product Width 72 mm Product Weight 1.2 kg
Certifications IEC/EN61800-5

IEC/EN 61800-5-1

CSA-C22.2 No. 274-17

UL

UL 508C

UL report applies to both US and Canada

IEC/EN 61800-2

Certified by UL for use in Canada

CUL

IEC/EN 61800-3

CSA-C22.2 No. 274-13

C-Tick

UL Listed

UkrSEPRO

UL File No.: E134360

EAC

CE

RoHS, ISO 9001

IEC/EN61800-3

CE marking

UL Category Control No.: NMMS, NMMS7 General

Air volume capacity 26 m³/h Communication interface Modbus TCP, built in

BACnet MS/TP, built in

Ethernet IP, built in

SmartWire-DT, optional

Modbus RTU, built in

BACnet TCP

CANopen®, optional

PROFIBUS, optional

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 Temperature-controlled fan

Parameterization: Power Xpert inControl

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: 7-digital display assembly

IGBT inverter

Setpoint potentiometer

Brake chopper

Internal DC link

Breaking resistance

Control unit

PC connection Frame size FS1 Mounting position Vertical Number of slots 1 (expansion) Overvoltage category III Pollution degree 2 Product Category Variable frequency driv...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-121D6NB-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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