

INDUSTRIAL COMPONENT DATA

DB1-1M4D3FN-N2CC-PFC 199738 EATON ELECTRIC Variable frequency drive, 4.3 A, 0.75 kW, Radio interference supp..

Brand: EATON - MOELLER | Manufacturer Part Number: DB1-1M4D3FN-N2CC-PFC



Manufacturer	EATON - MOELLER
MPN / Reference	DB1-1M4D3FN-N2CC-PFC
Catalog number	Y7-199738
Category	Frequency converter less than 1 kV
Minimum order	10 Pcs
Document ID	EO-C8B24CBF23
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Product Overview

Variable frequency drive, 4.3 A, 0.75 kW, Radio interference suppression filter, Additional PCB protection, PFC (Power Factor Compensation), FS1C

FU DB1 CP 1~/3~230 V 4.3 A 0.75 kW EMC PFC

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 DB1 Variable frequency drive Catalog Number 199738 Model Code DB1-1M4D3FN-N2CC-PFC EAN 4015081988372 Product Length/Depth 90 mm Product Height 185.98 mm Product Width 127.98 mm Product Weight 0.7 kg

Certifications IEC/EN 61800-2

IEC/EN 61800-3

RoHS, ISO 9001

IEC/EN 61800-5-1

UL Category Control No.: NMMS, NMMS7

Certified by UL for use in Canada

UL Listed

UL File No.: E172143

UL report applies to both US and Canada

UL 508C

CSA-C22.2 No. 274

IEC 61000-3-2

CE marking Features & Functions

Fitted with: Internal DC link

IGBT inverter

PC connection

Additional PCB protection

PFC (Power Factor Compensation)

Radio interference suppression filter General

Cable length C1 ≤ 1 m, maximum motor cable length

C3 ≤ 10 m, maximum motor cable length

C2 ≤ 3 m, maximum motor cable length

10 m, screened, maximum permissible cable length Communication interface OP-Bus (RS485), built in

Modbus RTU, built in

CANopen®, built in Connection to SmartWire-DT No Degree of protection IP20

NEMA Other Frame size FS1 Number of slots 1 (expansion) Product Category Variable frequency drives Protection Finger and back-of-hand proof, Protection against direct contact (BGV A3, VBG4) Protocol CAN

MODBUS

Other bus systems Radio interference class C2, C3: depending on the motor cable length, the connected load, and ambient conditions. External radio interference suppression filters (optional) may be necessary.

C1: for conducted emissions only Suitable for Branch circuits, (UL/...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DB1-1M4D3FN-N2CC-PFC 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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