

INDUSTRIAL COMPONENT DATA

DB1-124D3FN-N2CC 197194 Y7-197194 EATON ELECTRIC
Variable frequency drive, 230 V AC, 1-phase, 4.3 A, 0.75 kW..

Brand: EATON - MOELLER | Manufacturer Part Number: DB1-124D3FN-N2CC



Manufacturer	EATON - MOELLER
MPN / Reference	DB1-124D3FN-N2CC
Catalog number	Y7-197194
Category	Frequency converter less than 1 kV
Minimum order	10 Pcs
Document ID	EO-D925D43FFE
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Product Overview

Variable frequency drive, 230 V AC, 1-phase, 4.3 A, 0.75 kW, IP20/NEMA 0, Radio interference suppression filter, FS1 DB1-124D3FN-N2CC

Eaton DB1 Variable frequency drive, 230 V AC, 1-phase, 4.3 A, 0.75 kW, IP20/NEMA 0, Radio interference suppression filter, FS1 DB1-124D3FN-N2CC

Variable frequency drive, Part group reference (e.g. DIL): DB1, Rated operational voltage: $U_e = 230 \text{ V AC}$, 1-phase, 240 V AC, single-phase, Output voltage with V_e : $U_2 = 230 \text{ V AC}$, 3-phase, 240 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 200 (-10\%) - 240 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 4.3 \text{ A}$, Note: Rated operational current at an operating frequency of 8 kHz and an ambient air temperature of $+60^\circ\text{C}$, depending on cooling, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1 at 50 Hz or 1800 min-1 at 60 Hz, Overload cycle for 60 s every 600 s, at 230 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 0.75 \text{ kW}$, 150 % Overload: $I_M = 4.3 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 4.3 \text{ A}$, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fitted with: Radio interference suppression filter, Frame size: FS1, Standar...

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 DB1 Variable frequency drive Catalog Number 197194 Model Code DB1-124D3FN-N2CC EAN

4015080896920 Product Length/Depth 74 mm Product Height 130 mm Product Width 118 mm Product Weight 0.7 kg

Certifications CSA

IEC/EN61800-3

RoHS, ISO 9001

RCM

UL

IEC/EN 61800-2

UL File No.: E172143

Safety: EN 61800-5-1: 2003

UL 508C

CUL

Certified by UL for use in Canada

IEC/EN 61800-3

CSA-C22.2 No. 14

UL report applies to both US and Canada

CE

UL Category Control No.: NMMS, NMMS7

IEC/EN61800-5

CSA-C22.2 No. 274

IEC/EN 61800-5-1

CE marking Features & Functions

Features Parameterization: Fieldbus

Parameterization: Keypad

Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App) Fitted with: PC connection

IGBT inverter

Internal DC link

Radio interference suppression filter

Additional PCB protection General

Cable length C2 ≤ 3 m, maximum motor cable length

C3 ≤ 10 m, maximum motor cable length

10 m, screened, maximum permissible cable length

C1 ≤ 1 m, maximum motor cable length Communication interface Modbus RTU

CANopen®

OP-Bus (RS485) Connection to SmartWire-DT No Degree of protection IP20

NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) 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 MODBUS

CAN

Other bus systems Radio interference class C1: for conducted em...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DB1-124D3FN-N2CC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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