

INDUSTRIAL COMPONENT DATA

DE1-124D3FN-N20N 174330 Y7-174330 EATON ELECTRIC

Variable speed starter, Rated operational voltage 230 V AC,...

Brand: EATON - MOELLER | Manufacturer Part Number: DE1-124D3FN-N20N



Manufacturer	EATON - MOELLER
MPN / Reference	DE1-124D3FN-N20N
Catalog number	Y7-174330
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-FCD252C72D
Generated	2026-08-04

Product Overview

Variable speed starter, Rated operational voltage 230 V AC, 1-phase, Ie 4.3 A, 0.75 kW, 1 HP, Radio interference suppression filter

DE1-124D3FN-N20N

Variable speed starters, Part group reference (e.g. DIL): DE1, Rated operational voltage: Ue = 230 V AC, 1-phase, 240 V AC, single-phase, Output voltage with Ve: U2 = 230 V AC, 3-phase, 240 V AC, 3-phase, Mains voltage (50/60Hz): ULN = 200 (-10%) - 240 (+10%) V, Rated operational current At 150% overload: Ie = 4.3 A, Note: Rated operational current at an operating frequency of 16 kHz and an ambient air temperature of +50 °C, 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 kW, 150 % Overload: IM = 3.2 A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: P = 1 HP, Assigned motor rating 150 % Overload: IM = 3.2 A, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, Fitted with: Radio interference suppression filter, Frame size: FS1, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

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 DE1 Variable speed starter Catalog Number 174330 Model Code DE1-124D3FN-N20N EAN

4015081707928 Product Length/Depth 169 mm Product Height 230 mm Product Width 45 mm Product Weight 1.06 kg

Certifications UL report applies to both US and Canada

CSA-C22.2 No. 14

CUL

IEC/EN 61800-3

Safety requirements: IEC/EN 61800-5-1

UL File No.: E172143

Certified by UL for use in Canada

IEC/EN61800-5

UL Category Control No.: NMMS, NMMS7

UL 508C

CE

RCM

IEC/EN61800-3

Specification for general requirements: IEC/EN 61800-2

RoHS, ISO 9001

UL Catalog Notes Overload cycle for 60 s every 600 s Global

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: Radio interference suppression filter

PC connection Features & Functions

Cable length C1 ≤ 5 m, Radio interference level, maximum motor cable length

C2 ≤ 10 m, Radio interference level, maximum motor cable length

C3 ≤ 25 m, Radio interference level, maximum motor cable length Communication interface OP-Bus (RS485), built in

Modbus RTU, built in Connection to SmartWire-DT Yes

In conjunction with DX-NET-SWD3 SmartWire DT module Degree of protection IP20

NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Frame size FS1 Product category Variable speed starter Protection Finger and back-of-hand proof, Protection against direct contact (BGV A3, VBG4) Protocol MODBUS

EtherNet/IP

Ot...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DE1-124D3FN-N20N 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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