

INDUSTRIAL COMPONENT DATA

DE11-121D4FN-N20N 180650 Y7-180650 EATON ELECTRIC

Variable speed starters, Rated operational voltage 230 V A..

Brand: EATON - MOELLER | Manufacturer Part Number: DE11-121D4FN-N20N



Manufacturer	EATON - MOELLER
MPN / Reference	DE11-121D4FN-N20N
Catalog number	Y7-180650
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-800D90C216
Generated	2026-08-04

Product Overview

Variable speed starters, Rated operational voltage 230 V AC, 1-phase, Ie 1.4 A, 0.25 kW, 0.33 HP, Radio interference suppression filter

DE11-121D4FN-N20N

Variable speed starters, Part group reference (e.g. DIL): DE11, 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 = 1.4 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 = 0.25 kW, 150 % Overload: IM = 1.4 A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: P = 0.33 HP, Assigned motor rating 150 % Overload: IM = 1.4 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, 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

Additional Product Information

General specifications

Product Name Eaton DE11 Variable speed starter Catalog Number 180650 Model Code DE11-121D4FN-N20N EAN

4015081758159 Product Length/Depth 169 mm Product Height 230 mm Product Width 45 mm Product Weight 1.04 kg

Certifications Specification for general requirements: IEC/EN 61800-2

IEC/EN61800-3

RCM

RoHS, ISO 9001

CUL

IEC/EN 61800-3

UL 508C

IEC/EN61800-5

UL Category Control No.: NMMS, NMMS7

UL

CSA-C22.2 No. 14

Safety requirements: IEC/EN 61800-5-1

UL report applies to both US and Canada

CE

UL File No.: E172143

Certified by UL for use in Canada Catalog Notes Overload cycle for 60 s every 600 s Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: Radio interference suppression filter

PC connection General

Cable length C3 ≤ 25 m, Radio interference level, maximum motor cable length

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

C2 ≤ 10 m, Radio interference level, maximum motor cable length Communication interface CANopen®, built in
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DE11-121D4FN-N20N with the required quantity to info@electricaonline.com or use
electricaonline.com/request-quote.

GLOBAL OFFICES

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Floor, JLT, Dubai

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requirements against the manufacturer documentation before purchase or installation.