

**INDUSTRIAL COMPONENT DATA**

# DE1-122D7FN-N20N 174329 Y7-174329 EATON ELECTRIC

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

Brand: EATON - MOELLER | Manufacturer Part Number: DE1-122D7FN-N20N



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DE1-122D7FN-N20N                   |
| Catalog number  | Y7-174329                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-A6BF1090AA                      |
| Generated       | 2026-08-05                         |

### Product Overview

Variable speed starter, Rated operational voltage 230 V AC, 1-phase, Ie 2.7 A, 0.55 kW, 0.5 HP, Radio interference suppression filter

DE1-122D7FN-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 = 2.7 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 = 0.55 kW, 150 % Overload: IM = 2.7 A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: P = 0.5 HP, Assigned motor rating 150 % Overload: IM = 2.2 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**

### Additional Product Information

General specifications

Product Name Eaton DE1 Variable speed starter Catalog Number 174329 Model Code DE1-122D7FN-N20N EAN

4015081707911 Product Length/Depth 169 mm Product Height 230 mm Product Width 45 mm Product Weight 1.06 kg

Certifications IEC/EN61800-3

CE

UL report applies to both US and Canada

Certified by UL for use in Canada

Safety requirements: IEC/EN 61800-5-1

CUL

UL Category Control No.: NMMS, NMMS7

IEC/EN 61800-3

UL 508C

CSA-C22.2 No. 14

UL File No.: E172143

RCM

RoHS, ISO 9001

UL

IEC/EN61800-5

Specification for general requirements: IEC/EN 61800-2 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: PC connection

Radio interference suppression filter Fitted with: PC connection

Radio interference suppression filter General

Cable length C1  $\leq$  5 m, Radio interference level, maximum motor cable length

C3  $\leq$  25 m, Radio interference level, maximum motor cable length

C2  $\leq$  10 m, Radio interference level, maximum motor cable length Communication interface OP-Bus (RS485), built in Modbus RTU, built in Connection to SmartWire-DT In conjunction with DX-NET-SWD3 SmartWire DT module

Yes 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 ag...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DE1-122D7FN-N20N with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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