

**INDUSTRIAL COMPONENT DATA**

# DE1-342D1FN-N20N 174334 Y7-174334 EATON ELECTRIC

## Variable speed starter, Rated operational voltage 400 V AC,...

Brand: EATON - MOELLER | Manufacturer Part Number: DE1-342D1FN-N20N



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DE1-342D1FN-N20N                   |
| Catalog number  | Y7-174334                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-DFC8731C78                      |
| Generated       | 2026-08-05                         |

### Product Overview

Variable speed starter, Rated operational voltage 400 V AC, 3-phase, Ie 2.1 A, 0.75 kW, 1 HP, Radio interference suppression filter

DE1-342D1FN-N20N

**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 174334 Model Code DE1-342D1FN-N20N EAN 4015081707966 Product Length/Depth 169 mm Product Height 230 mm Product Width 45 mm Product Weight 1 kg

Certifications Certified by UL for use in Canada

UL

UL 508C

CUL

Safety requirements: IEC/EN 61800-5-1

UL report applies to both US and Canada

UL File No.: E172143

CE

RCM

IEC/EN 61800-3

IEC/EN61800-5

IEC/EN61800-3

UL Category Control No.: NMMS, NMMS7

CSA-C22.2 No. 14

RoHS, ISO 9001

Specification for general requirements: IEC/EN 61800-2 Catalog Notes Overload cycle for 60 s every 600 s Global

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: PC connection

Radio interference suppression filter Features & Functions

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

C2 ≤ 10 m, Radio interference level, maximum motor cable length Communication interface Modbus RTU, built in

OP-Bus (RS485), 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 Other bus systems

MODBUS

EtherNet/IP Radio interference class C2, C3: depending on the....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DE1-342D1FN-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

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