

**INDUSTRIAL COMPONENT DATA**

# DE11-34016NN-N20N 180677 Y7-180677 EATON ELECTRIC

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

Brand: EATON - MOELLER | Manufacturer Part Number: DE11-34016NN-N20N



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DE11-34016NN-N20N                  |
| Catalog number  | Y7-180677                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-18A90008B8                      |
| Generated       | 2026-08-01                         |

### Product Overview

Variable speed starter, Rated operational voltage 400 V AC, 3-phase, Ie 16 A, 7.5 kW, 10 HP

DE11-34016NN-N20N

Variable speed starters, Part group reference (e.g. DIL): DE11, Rated operational voltage:  $U_e = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, Output voltage with  $V_e$ :  $U_2 = 400 \text{ V AC}$ , 3-phase, 480 V AC, 3-phase, Mains voltage (50/60Hz):  $U_{LN} = 380 (-10\%) - 480 (+10\%) \text{ V}$ , Rated operational current At 150% overload:  $I_e = 16 \text{ A}$ , Note: Rated operational current at an operating frequency of 16 kHz and an ambient air temperature of  $+50^\circ \text{C}$ , 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 400 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 7.5 \text{ kW}$ , 150 % Overload:  $I_M = 15.2 \text{ A}$ , Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 10 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 14 \text{ A}$ , Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Frame size: FS2, 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 180677 Model Code DE11-34016NN-N20N EAN 4015081758425 Product Length/Depth 169 mm Product Height 230 mm Product Width 90 mm Product Weight 1.6 kg

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

CE

IEC/EN61800-3

RCM

Safety requirements: IEC/EN 61800-5-1

UL report applies to both US and Canada

UL Category Control No.: NMMS, NMMS7

IEC/EN61800-5

CSA-C22.2 No. 14

RoHS, ISO 9001

UL 508C

IEC/EN 61800-3

UL File No.: E172143

CUL

UL

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: PC connection General

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

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

CANopen®, 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 FS2 Product category Variable speed starter Protection Finger and back-of-hand proof, Protection against direct contact (BGV A3, VBG4) Protocol MODBUS

Other bus systems

EtherNet/IP

CAN Radio interference class C2, C3: depending on the motor cabl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DE11-34016NN-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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