

INDUSTRIAL COMPONENT DATA

DE11-348D5NN-N20N 180675 Y7-180675 EATON ELECTRIC Variable speed starter, Rated operational voltage 400 V AC..

Brand: EATON - MOELLER | Manufacturer Part Number: DE11-348D5NN-N20N



Manufacturer	EATON - MOELLER
MPN / Reference	DE11-348D5NN-N20N
Catalog number	Y7-180675
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-02564E859E
Generated	2026-08-03

Product Overview

Variable speed starter, Rated operational voltage 400 V AC, 3-phase, Ie 8.5 A, 4 kW, 5 HP

DE11-348D5NN-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: $I_e = 8.5 \text{ A}$, 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: $P = 4 \text{ kW}$, 150 % Overload: $I_M = 8.5 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 7.6 \text{ A}$, 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 180675 Model Code DE11-348D5NN-N20N EAN 4015081758401 Product Length/Depth 169 mm Product Height 230 mm Product Width 90 mm Product Weight 1.6 kg

Certifications CE

CUL

IEC/EN 61800-3

RCM

Certified by UL for use in Canada

UL File No.: E172143

Specification for general requirements: IEC/EN 61800-2

UL Category Control No.: NMMS, NMMS7

UL 508C

UL report applies to both US and Canada

CSA-C22.2 No. 14

IEC/EN61800-3

RoHS, ISO 9001

IEC/EN61800-5

Safety requirements: IEC/EN 61800-5-1

UL 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 Fitted with: PC connection General

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

C2 <= 10 m, Radio interference level, maximum motor cable length Communication interface OP-Bus (RS485), built in Modbus RTU, built in

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

MODBUS

Other bus systems

CAN Radio interference class C2, C3:....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DE11-348D5NN-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.