

INDUSTRIAL COMPONENT DATA

DE1-127D0FN-N20N 174331 Y7-174331 EATON ELECTRIC

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

Brand: EATON - MOELLER | Manufacturer Part Number: DE1-127D0FN-N20N



Manufacturer	EATON - MOELLER
MPN / Reference	DE1-127D0FN-N20N
Catalog number	Y7-174331
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-DCFDA31AAB
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Product Overview

Variable speed starter, Rated operational voltage 230 V AC, 1-phase, Ie 7 A, 1.5 kW, 2 HP, Radio interference suppression filter

DE1-127D0FN-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 = 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 = 1.5 kW, 150 % Overload: IM = 6.3 A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: P = 2 HP, Assigned motor rating 150 % Overload: IM = 6.8 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
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Additional Product Information

General specifications

Product Name Eaton DE1 Variable speed starter Catalog Number 174331 Model Code DE1-127D0FN-N20N EAN

4015081707935 Product Length/Depth 169 mm Product Height 230 mm Product Width 45 mm Product Weight 1.06 kg
Compliances CE Marked Certifications IEC/EN 61800-3
UL report applies to both US and Canada
IEC/EN61800-3
Certified by UL for use in Canada
UL 508C
RCM
UL
Safety requirements: IEC/EN 61800-5-1
UL File No.: E172143
CUL
UL Category Control No.: NMMS, NMMS7
CSA-C22.2 No. 14
Specification for general requirements: IEC/EN 61800-2
IEC/EN61800-5
RoHS, ISO 9001
CE 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 Fitted with: Radio interference suppression filter
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
C1 <= 5 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-han...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DE1-127D0FN-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

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