

INDUSTRIAL COMPONENT DATA

DC1-324D3FN-A66OE1 199413 Y7-199413 EATON ELECTRIC DC1-324D3FN-A66OE1

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-324D3FN-A66OE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-324D3FN-A66OE1
Catalog number	Y7-199413
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-5602FB2170
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Product Overview

DC1-324D3FN-A66OE1

Eaton DC1 Variable frequency drive, 230 V AC, 3-phase, 4.3 A, 0.75 kW, IP66/NEMA 4X, Radio interference suppression filter, 7-digital display assembly, Additional PCB protection, UV resistant, FS1

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 230 \text{ V AC}$, 3-phase, 240 V AC, 3-phase, Output voltage with V_e : $U_2 = 230 \text{ V AC}$, 3-phase, 240 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 200 (-10\%) - 240 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 4.3 \text{ A}$, Note: Rated operational current at an operating frequency of 6 kHz and an ambient air temperature of $+40^\circ \text{C}$, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: For normal internally and externally ventilated four-pole three-phase asynchronous motors with 1500 rpm at 50 Hz and 1800 rpm at 60 Hz, Overload cycle for 60 s every 600 s, at 230 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 0.75 \text{ kW}$, 150 % Overload: $I_M = 3.2 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 4.2 \text{ A}$, Degree of Protection: IP66/NEMA 4X, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: Radio interference suppression filter, 7-digital display assembly, Additional PCB protection, UV resistan...

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 DC1 Variable frequency drive Catalog Number 199413 Model Code DC1-324D3FN-A66OE1 EAN

4015081978021 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg

Certifications EAC

UL report applies to both US and Canada

Certified by UL for use in Canada

RCM

CSA-C22.2 No. 14

IEC/EN 61800-3

RoHS, ISO 9001

IEC/EN61800-5

UL Category Control No.: NMMS, NMMS7

UL Listed

UL

CE

UL File No.: E172143

CUL

IEC/EN 61800-2

UkrSEPRO

IEC/EN 61800-5-1

UL 508C

CE marking Catalog Notes Features & Functions

Features Parameterization: Fieldbus

Parameterization: Keypad

Parameterization: drivesConnect mobile (App)

Parameterization: drivesConnect Fitted with: Internal DC link

UV resistance

Control unit

Additional PCB protection

IGBT inverter

PC connection

7-digital display assembly

Radio interference suppression filter General

Cable length 75 m, unscreened, maximum permissible, Motor feeder

100 m, screened, with motor choke, maximum permissible, Motor feeder

150 m, unscreened, with motor choke, maximum permissible, Motor feeder

50 m, screened, maximum permissible, Motor feeder Communication interface OP-Bus (RS485), built in

SmartWire-DT, optional

CANopen®, built in

Modbus RTU, built in Connection to SmartWire-DT No Degree of protection IP66

NEMA 4X Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Frame size FS1 Mounting

position Vertical Product category Variable frequency drives Protection Fing...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-324D3FN-A66OE1 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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