

INDUSTRIAL COMPONENT DATA

**DC1-324D3FN-A6SOE1 199414 Y7-199414 EATON ELECTRIC
DC1-324D3FN-A6SOE1**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-324D3FN-A6SOE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-324D3FN-A6SOE1
Catalog number	Y7-199414
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-E6E4027FB1
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Product Overview

DC1-324D3FN-A6SOE1

Variable frequency drive, 230 V AC, 3-phase, 4.3 A, 0.75 kW, IP66/NEMA 4X, Radio interference suppression filter, 7-digit display assembly, Local controls, 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-digit display assembly, Local controls, Additional PCB p...

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 199414 Model Code DC1-324D3FN-A6SOE1 EAN

4015081978038 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg

Certifications IEC/EN 61800-5-1

IEC/EN61800-5

UL report applies to both US and Canada

CE marking

CSA-C22.2 No. 14

UkrSEPRO

IEC/EN 61800-3

IEC/EN 61800-2

UL File No.: E172143

UL Listed

EAC

UL 508C

CE

UL Category Control No.: NMMS, NMMS7

CUL

UL

RCM

Certified by UL for use in Canada

RoHS, ISO 9001 Catalog Notes Features & Functions

Features Parameterization: Fieldbus

Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Keypad Fitted with: Additional PCB protection

PC connection

IGBT inverter

7-digital display assembly

Control unit

Internal DC link

UV resistance

Radio interference suppression filter

Local controls General

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

50 m, screened, maximum permissible, Motor feeder

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

75 m, unscreened, maximum permissible, Motor feeder Communication interface Modbus RTU, built in

SmartWire-DT, optional

CANopen®, built in

OP-Bus (RS485), built in Connection to SmartWire-DT No Degree of protection NEMA 4X

IP66 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Frame size FS1 Mounting position

Vertical Product category Variable frequency drives....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-324D3FN-A6SOE1 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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