

INDUSTRIAL COMPONENT DATA

**DC1-1D2D3NN-A6SOE1 199394 Y7-199394 EATON ELECTRIC
DC1-1D2D3NN-A6SOE1**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-1D2D3NN-A6SOE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-1D2D3NN-A6SOE1
Catalog number	Y7-199394
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-37D21A1D91
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Product Overview

DC1-1D2D3NN-A6SOE1

Eaton DC1 Variable frequency drive, 115 V AC, single-phase, 2.3 A, 0.37 kW, IP66/NEMA 4X, 7-digital display assembly, Local controls, Additional PCB protection, UV resistant, FS1

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 115 \text{ V AC}$, single-phase, Output voltage with V_e : $U_2 = 230 \text{ V AC}$, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 110 (-10\%) - 115 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 2.3 \text{ A}$, 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: $P = 0.37 \text{ kW}$, 150 % Overload: $I_M = 2 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 0.5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 2.2 \text{ A}$, Degree of Protection: IP66/NEMA 4X, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: 7-digital display assembly, Local controls, Additional PCB protection, UV resistant, Frame size: FS1, Standards: General requirements: IEC/EN 61800-2, EMV r...

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 199394 Model Code DC1-1D2D3NN-A6SOE1 EAN

4015081977833 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg

Certifications CE marking

EAC

RCM

CSA-C22.2 No. 14

UL 508C

UL Category Control No.: NMMS, NMMS7

UL Listed

UL File No.: E172143

IEC/EN61800-5

CUL

Certified by UL for use in Canada

RoHS, ISO 9001

IEC/EN 61800-5-1

UL

CE

UL report applies to both US and Canada

IEC/EN 61800-2

UkrSEPRO

IEC/EN 61800-3 Features & Functions

Features Parameterization: drivesConnect mobile (App)

Parameterization: drivesConnect

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: Internal DC link

PC connection

Additional PCB protection

UV resistance

7-digital display assembly

Control unit

Local controls

IGBT inverter General

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

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

75 m, unscreened, maximum permissible, Motor feeder

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

SmartWire-DT, optional

Modbus RTU, built in

CANopen®, built in Connection to SmartWire-DT No Degree of protection IP66

NEMA 4X Frame size FS1 Mounting position Vertical Product category Variable frequency drives Protection Finger and back-of-hand proof, Protection against direct contact (BGV A3, VBG4) Protocol EtherNet/IP

MODBUS

CAN

Other bus....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-1D2D3NN-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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