

INDUSTRIAL COMPONENT DATA

**DC1-1D4D3NN-A66OE1 199395 Y7-199395 EATON ELECTRIC
DC1-1D4D3NN-A66OE1**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-1D4D3NN-A66OE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-1D4D3NN-A66OE1
Catalog number	Y7-199395
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-EB02FC7641
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Product Overview

DC1-1D4D3NN-A66OE1

Eaton DC1 Variable frequency drive, 115 V AC, single-phase, 4.3 A, 0.75 kW, IP66/NEMA 4X, 7-digital display assembly, Additional PCB protection, UV resistant, FS1

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 115 \text{ V AC}$, 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: $I_e = 4.3 \text{ A}$, 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: 7-digital display assembly, Additional PCB protection, UV resistant, Frame size: FS1, Standards: General requirements: IEC/EN 61800-2, EMV requirements: IEC/EN 61800-3, Saf...

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 199395 Model Code DC1-1D4D3NN-A66OE1 EAN

4015081977840 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg

Certifications Certified by UL for use in Canada

UL File No.: E172143

RoHS, ISO 9001

CSA-C22.2 No. 14

UL report applies to both US and Canada

UL

RCM

EAC

UL 508C

IEC/EN 61800-2

CE

IEC/EN 61800-3

IEC/EN61800-5

UL Listed

CE marking

CUL

UL Category Control No.: NMMS, NMMS7

UkrSEPRO

IEC/EN 61800-5-1 Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: Control unit

IGBT inverter

7-digital display assembly

Additional PCB protection

UV resistance

Internal DC link

PC connection 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 Modbus RTU, built in

SmartWire-DT, optional

OP-Bus (RS485), built in

CANopen®, built in Connection to SmartWire-DT No Degree of protection NEMA 4X

IP66 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 MODBUS

Other bus systems

CAN

EtherNet/IP Radio i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-1D4D3NN-A66OE1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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