

INDUSTRIAL COMPONENT DATA

**DC1-1D2D3NN-A66OE1 199393 Y7-199393 EATON ELECTRIC
DC1-1D2D3NN-A66OE1**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-1D2D3NN-A66OE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-1D2D3NN-A66OE1
Catalog number	Y7-199393
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-3E099DDB28
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Product Overview

DC1-1D2D3NN-A66OE1

Eaton DC1 Variable frequency drive, 115 V AC, single-phase, 2.3 A, 0.37 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: $I_e = 2.3 \text{ A}$, 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, 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 199393 Model Code DC1-1D2D3NN-A66OE1 EAN

4015081977826 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg
Certifications IEC/EN 61800-5-1
Certified by UL for use in Canada
UL report applies to both US and Canada
IEC/EN 61800-3
IEC/EN61800-5
CE
CSA-C22.2 No. 14
IEC/EN 61800-2
UL 508C
UL Category Control No.: NMMS, NMMS7
UL
CUL
RCM
RoHS, ISO 9001
UL File No.: E172143
UL Listed
CE marking
UkrSEPRO
EAC Features & Functions
Features Parameterization: Keypad
Parameterization: drivesConnect mobile (App)
Parameterization: Fieldbus
Parameterization: drivesConnect Fitted with: Control unit
Internal DC link
PC connection
IGBT inverter
UV resistance
7-digital display assembly
Additional PCB protection General
Cable length 50 m, screened, maximum permissible, Motor feeder
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 Communication interface Modbus RTU, built in
CANopen®, built in
SmartWire-DT, optional
OP-Bus (RS485), 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 CAN
EtherNet/IP
Other bus systems
MODBUS Radio i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-1D2D3NN-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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