

## INDUSTRIAL COMPONENT DATA

**DC1-122D3NN-A66CE1 185786 EATON ELECTRIC Variable frequency drive, 230 V AC, 1-phase, 2.3 A, 0.37 kW, IP66/N..**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-122D3NN-A66CE1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DC1-122D3NN-A66CE1                 |
| Catalog number  | 185786                             |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-80EC6A6EDF                      |
| Generated       | 2026-08-06                         |

**Product Overview**

Variable frequency drive, 230 V AC, 1-phase, 2.3 A, 0.37 kW, IP66/NEMA 4X, FS1

Frequency Converter. Ent: 1 x 230 V. Salt: 3 x 230 V. 2.3 A. 0.37 kW. V/f, SLV. IP66

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage:  $U_e = 230 \text{ V AC}$ , 1-phase, 240 V AC, single-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:  $I_e = 2.3 \text{ A}$ , Note: Rated operational current at a switching frequency of 16 kHz and an ambient air temperature of +40 °C, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1 at 50 Hz or 1800 min-1 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, Frame size: FS1, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safet...

## 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**

Variable frequency drive, 230 V AC, 1-phase, 2.3 A, 0.37 kW, IP66/NEMA 4X, FS1Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage:  $U_e = 230 \text{ V AC}$ , 1-phase, 240 V AC, single-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:  $I_e = 2.3 \text{ A}$ , Note: Rated operational current at a switching frequency of 16 kHz and an ambient air temperature of +40 °C, Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: for normal internally and externally ventilated 4 pole, three-phase asynchronous motors with 1500 rpm-1 at 50 Hz or 1800 min-1 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, Frame size: FS1, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1Delivery program  
This item is only available until 04/30/2021, after which it will be replaced with the following item: 199399, DC1-122D3FN-A66OE1Product r...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-122D3NN-A66CE1 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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