

## INDUSTRIAL COMPONENT DATA

**DC1-1D5D8NB-A6SCE1 185773 EATON ELECTRIC Variable frequency drive, 115 V AC, single-phase, 5.8 A, 1.1 kW, IP..**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-1D5D8NB-A6SCE1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DC1-1D5D8NB-A6SCE1                 |
| Catalog number  | 185773                             |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-04074219EF                      |
| Generated       | 2026-08-06                         |

**Product Overview**

Variable frequency drive, 115 V AC, single-phase, 5.8 A, 1.1 kW, IP66/NEMA 4X, Brake chopper, Local controls, FS2 Frequency Converter. Ent: 1 x 115 V. Salt: 3 x 230 V. 5.8 A. 1.1 kW. V/f, SLV. Braking transistor. IP66

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:  $I_e = 5.8 \text{ A}$ , 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:  $P = 1.1 \text{ kW}$ , 150 % Overload:  $I_M = 4.6 \text{ A}$ , Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 1.5 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 5.8 \text{ A}$ , Degree of Protection: IP66/NEMA 4X, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: Brake chopper, 7-digital display assembly, Local controls, Frame size: FS2, Standards: Specification for general requirements: IEC/EN....

## 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, 115 V AC, single-phase, 5.8 A, 1.1 kW, IP66/NEMA 4X, Brake chopper, Local controls, FS2Variable 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:  $I_e = 5.8 \text{ A}$ , 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 = 1.1 kW, 150 % Overload: IM = 4.6 A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: P = 1.5 HP, Assigned motor rating 150 % Overload: IM = 5.8 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: Brake chopper, 7-digital display assembly, Local controls, Frame size: FS2, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1 Delivery program  
This item is only available until 04/30/2021, after which it will be replaced with the following item: 199398...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-1D5D8NB-A6SCE1 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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