

INDUSTRIAL COMPONENT DATA

DB1-127D0FN-N2CC 197195 EATON ELECTRIC Cool Plate Frequency Converter Ent: 1 x 230V Salt: 3 x 230 V 7.0 A 1...

Brand: EATON - MOELLER | Manufacturer Part Number: DB1-127D0FN-N2CC



Manufacturer	EATON - MOELLER
MPN / Reference	DB1-127D0FN-N2CC
Catalog number	197195
Category	Frequency converter less than 1 kV
Minimum order	10 Pcs
Document ID	EO-5286653595
Generated	2026-08-05

Product Overview

Cool Plate Frequency Converter; Ent: 1 x 230V; Salt: 3 x 230 V; 7.0 A; 1.5 kW; V/f, SLV; EMC Filter; IP20
Variable frequency drive, 230 V AC, 1-phase, 7 A, 1.5 kW, IP20/NEMA0, Radio interference suppression filter, Additional PCB protection, FS1B
Variable frequency drive, Part group reference (e.g. DIL): DB1, 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: $I_e = 7 \text{ A}$, Note: Rated operational current at an operating frequency of 8 kHz and an ambient air temperature of $+60^\circ\text{C}$, depending on cooling, 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: $P = 1.5 \text{ kW}$, 150 % Overload: $I_M = 7 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 2 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 7 \text{ A}$, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fitted with: Radio interference suppression filter, Frame size: FS1, Standards: General requirements: IEC/EN 61800...

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, 7 A, 1.5 kW, IP20/NEMA0, Radio interference suppression filter, Additional PCB protection, FS1B
Variable frequency drive, Part group reference (e.g. DIL): DB1, 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): ULN = 200 (-10%) - 240 (+10%) V, Rated operational current At 150% overload: $I_e = 7$ A, Note: Rated operational current at an operating frequency of 8 kHz and an ambient air temperature of +60°C, depending on cooling, 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: $P = 1.5$ kW, 150 % Overload: $I_M = 7$ A, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 2$ HP, Assigned motor rating 150 % Overload: $I_M = 7$ A, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fitted with: Radio interference suppression filter, Frame size: FS1, Standards: General requirements: IEC/EN 61800-2, EMV requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1 Delivery program
PhotoProduct rangeVariable frequency drivesPart group reference (e.g. DIL)DB1Rated operational voltage [U_e]230 V AC,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DB1-127D0FN-N2CC 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.