

INDUSTRIAL COMPONENT DATA

DB1-127D0FN-N2CC-PFC 199739 EATON ELECTRIC Variable frequency drive, 230 V AC, 1-phase, 7 A, 1.5 kW, IP20/NE..

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



Manufacturer	EATON - MOELLER
MPN / Reference	DB1-127D0FN-N2CC-PFC
Catalog number	Y7-199739
Category	Frequency converter less than 1 kV
Minimum order	10 Pcs
Document ID	EO-3C51D11A33
Generated	2026-08-04

Product Overview

Variable frequency drive, 230 V AC, 1-phase, 7 A, 1.5 kW, IP20/NEMA0, Radio interference suppression filter, Additional PCB protection, PFC (Power Factor Compensation), FS1C
FU DB1 CP 1~/3~230 V 7A 1.5kW EMC PFC

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, PFC (Power Factor Compensation), FS1CVariable frequency drive 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 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: $P = 1.5 \text{ kW}$, 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/NEMA0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fitted with: Radio interference suppression filter, Additional PCB protection, PFC (Power Factor Compensation), Frame size: FS1C, Standards: General requirements: IEC/EN 61800-2, EMV requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1Delivery program

PhotoProduct rangeVariable frequency drivesPart group refe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DB1-127D0FN-N2CC-PFC 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.