

INDUSTRIAL COMPONENT DATA

DA1-34450FB-B20C 169221 EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 450 A, 250 kW, IP20/NEMA..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-34450FB-B20C



Manufacturer	EATON - MOELLER
MPN / Reference	DA1-34450FB-B20C
Catalog number	169221
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-D8A4856784
Generated	2026-08-05

Product Overview

Variable frequency drive, 400 V AC, 3-phase, 450 A, 250 kW, IP20/NEMA 0, Radio interference suppression filter, OLED display

Frequency Converter; Ent: 3 x 400 V; Salt: 3 x 400 V; 450 A; 250 kW; V/f, SLV, CLV; EMC Filter; Braking transistor; IP20 Variable frequency drive, Part group reference (e.g. DIL): DA1, Rated operational voltage: $U_e = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, Output voltage with V_e : $U_2 = 400 \text{ V AC}$, 3-phase, 480 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 380 (-10\%) - 480 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 450 \text{ A}$, Note: Rated operational current at an operating frequency of 4 kHz and an ambient air temperature of +50 °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 400 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 250 \text{ kW}$, 150 % Overload: $I_M = 437 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 350 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 414 \text{ A}$, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): Ethernet IP, DeviceNet, PROFIBUS, PROFINET, Modbus-TCP, EtherCAT, SmartWire-DT, Fitted with: Radio in...

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

EL-Nummer (Norway)4137183Variable frequency drive, 400 V AC, 3-phase, 450 A, 250 kW, IP20/NEMA 0, Radio

interference suppression filter, OLED displayVariable frequency drive, Part group reference (e.g. DIL): DA1, Rated operational voltage: $U_e = 400 \text{ V AC}$, 3-phase, 480 V AC , 3-phase, Output voltage with V_e : $U_2 = 400 \text{ V AC}$, 3-phase, 480 V AC , 3-phase, Mains voltage (50/60Hz): $U_{LN} = 380 (-10\%) - 480 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 450 \text{ A}$, Note: Rated operational current at an operating frequency of 4 kHz and an ambient air temperature of $+50^\circ\text{C}$, 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 400 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 250 \text{ kW}$, 150 % Overload: $I_M = 437 \text{ A}$, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 350 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 414 \text{ A}$, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): Ethernet IP, DeviceNet, PROFIBUS, PROFINET, Modbus-TCP, EtherCAT, SmartWire-DT, Fitted with: Radio interference suppression filter, Brake chopper, Additional PCB protection, OLED display, Frame size: FS8, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DA1-34450FB-B20C 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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