

## 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       | 2026-08-03                         |

## 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  $+50^\circ\text{C}$ , 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 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 &gt; 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,  $480 \text{ V AC}$ , 3-phase, Output voltage with  $V_e$ :  $U_2 = 400 \text{ V AC}$ , 3-phase,  $480 \text{ V AC}$ , 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](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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