

**INDUSTRIAL COMPONENT DATA**

# DA1-32011FB-A20C 169093 Y7-169093 EATON ELECTRIC

## Variable frequency drive, 230 V AC, 3-phase, 10.5 A, 2.2 kW..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-32011FB-A20C



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DA1-32011FB-A20C                   |
| Catalog number  | Y7-169093                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-48BAFBE796                      |
| Generated       | 2026-08-01                         |

### Product Overview

Variable frequency drive, 230 V AC, 3-phase, 10.5 A, 2.2 kW, IP20/NEMA 0, Radio interference suppression filter, 7-digital display assembly

DA1-32011FB-A20C

Variable frequency drive, Part group reference (e.g. DIL): DA1, Rated operational voltage:  $U_e = 230 \text{ V AC}$ , 3-phase, 240 V AC, 3-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:  $I_e = 10.5 \text{ A}$ , Note: Rated operational current at an operating frequency of 16 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 230 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 2.2 \text{ kW}$ , 150 % Overload:  $I_M = 8.7 \text{ A}$ , Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 3 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 9.6 \text{ A}$ , 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, 7-digital displa...

**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

General specifications

Product Name Eaton DA1 Variable frequency drive Catalog Number 169093 Model Code DA1-32011FB-A20C EAN

4015081655786 Product Length/Depth 186 mm Product Height 231 mm Product Width 107 mm Product Weight 1.8 kg

Certifications UL File No.: E172143

UL report applies to both US and Canada

EAC

IEC/EN61800-3

IEC/EN61800-5

RoHS, ISO 9001

UL 508C

Safety: EN 61800-5-1: 2003

Certified by UL for use in Canada

CUL

CE

IEC/EN 61800-3

UL Category Control No.: NMMS, NMMS7

Specification for general requirements: IEC/EN 61800-2

UkrSEPRO

CSA-C22.2 No. 14

RCM

UL Catalog Notes The brake resistors are assigned based on the maximum rated power of the variable frequency drive.

Additional brake resistors and designs (e.g. different duty cycles) are available upon request. General

Cable length 150 m, unscreened, maximum permissible, Motor feeder

300 m, unscreened, with motor choke, maximum permissible, Motor feeder

C2 <= 5 m, Radio interference level, maximum motor cable length

C3 <= 25 m, Radio interference level, maximum motor cable length

100 m, screened, maximum permissible, Motor feeder

200 m, screened, with motor choke, maximum permissible, Motor feeder Communication interface SmartWire-DT, optional

OP-Bus (RS485), built in

Modbus-TCP, optional

EtherCAT, optional

PROFIBUS, optional

DeviceNet, optional

PROFINET, optional

CANopen®, built in

Ethernet IP, optional

Modbus RTU, built in Connection to SmartWire-DT In conjunction with DX-NET-SWD1 SmartWire DT module

Yes Degree of pr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DA1-32011FB-A20C 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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