

INDUSTRIAL COMPONENT DATA

DA1-32072FB-B20C 197491 Y7-197491 EATON ELECTRIC

Frequency inverter, 230 V AC, 3-phase, 72 A, 18.5 kW, IP20/..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-32072FB-B20C



Manufacturer	EATON - MOELLER
MPN / Reference	DA1-32072FB-B20C
Catalog number	Y7-197491
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-A2A24A8368
Generated	2026-08-05

Product Overview

Frequency inverter, 230 V AC, 3-phase, 72 A, 18.5 kW, IP20/NEMA 0, Radio interference suppression filter, Additional PCB protection, DC link choke, FS5

DA1-32072FB-B20C

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: $I_e = 72 \text{ A}$, Note: Rated operational current at a switching frequency of 8 kHz and an ambient air temperature of $+50 \text{ }^\circ\text{C}$, 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: $P = 18.5 \text{ kW}$, 150 % Overload: $I_M = 72 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 25 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 68 \text{ A}$, 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 dis...

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 197491 Model Code DA1-32072FB-B20C EAN

4015081940660 Product Length/Depth 261 mm Product Height 485 mm Product Width 234 mm Product Weight 18.2 kg

Certifications CE

EAC

IEC/EN 61800-3

UL report applies to both US and Canada

IEC/EN61800-3

UkrSEPRO

CUL

RCM

IEC/EN 61800-2

UL File No.: E172143

UL

Certified by UL for use in Canada

Safety: EN 61800-5-1: 2003

RoHS, ISO 9001

IEC/EN61800-5

UL 508C

UL Category Control No.: NMMS, NMMS7 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 C2 ≤ 5 m, maximum motor cable length

150 m, unscreened, maximum permissible cable length

200 m, unscreened, with motor choke, maximum permissible cable length

200 m, screened, with motor choke, maximum permissible cable length

C3 ≤ 25 m, maximum motor cable length

100 m, screened, maximum permissible cable length Communication interface Modbus RTU

CANopen®

SmartWire-DT, optional

Ethernet IP, optional

OP-Bus (RS485)

PROFINET, optional

EtherCAT, optional

DeviceNet, optional

PROFIBUS, optional

Modbus-TCP, optional Connection to SmartWire-DT Yes

In conjunction with DX-NET-SWD1 SmartWire DT module Degree of protection IP20

NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fitted with: Radio interference supp...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DA1-32072FB-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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