

INDUSTRIAL COMPONENT DATA

DA1-359D0NB-A20C 177038 Y7-177038 EATON ELECTRIC
Variable frequency drive, 500 V AC, 3-phase, 9 A, 5.5 kW, I..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-359D0NB-A20C



Manufacturer	EATON - MOELLER
MPN / Reference	DA1-359D0NB-A20C
Catalog number	Y7-177038
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-4FF875BF68
Generated	2026-08-04

Product Overview

Variable frequency drive, 500 V AC, 3-phase, 9 A, 5.5 kW, IP20/NEMA 0, 7-digital display assembly

DA1-359D0NB-A20C

Variable frequency drive, Part group reference (e.g. DIL): DA1, Rated operational voltage: $U_e = 500$ V AC, 3-phase, 600 V AC, 3-phase, Output voltage with V_e : $U_2 = 500$ V AC, 3-phase, 600 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 500$ (-10%) - 600 (+10%) V, Rated operational current At 150% overload: $I_e = 9$ A, Note: Rated operational current at a switching frequency of 8 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 500 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 5.5$ kW, 150 % Overload: $I_M = 9$ A, Assigned motor rating Note: at 525 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 5.5$ kW, 150 % Overload: $I_M = 8.6$ A, Assigned motor rating Note: at 550 - 600 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 7.5$ HP, Assigned motor rating 150 % Overload: $I_M = 9$ 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: Brake chopper , 7-digit...

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 177038 Model Code DA1-359D0NB-A20C EAN

4015081714810 Product Length/Depth 186 mm Product Height 231 mm Product Width 107 mm Product Weight 1.8 kg

Certifications CUL

RoHS, ISO 9001

RCM

CSA-C22.2 No. 14

UL File No.: E172143

UL

CE

Specification for general requirements: IEC/EN 61800-2

UL Category Control No.: NMMS, NMMS7

Certified by UL for use in Canada

Safety: EN 61800-5-1: 2003

UkrSEPRO

EAC

IEC/EN 61800-3

UL 508C

UL report applies to both US and Canada

IEC/EN61800-3

IEC/EN61800-5 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 200 m, screened, with motor choke, maximum permissible, Motor feeder

100 m, screened, maximum permissible, Motor feeder

150 m, unscreened, maximum permissible, Motor feeder

300 m, unscreened, with motor choke, maximum permissible, Motor feeder Communication interface Modbus-TCP, optional

EtherCAT, optional

SmartWire-DT, optional

DeviceNet, optional

Modbus RTU, built in

OP-Bus (RS485), built in

PROFIBUS, optional

Ethernet IP, optional

PROFINET, optional

CANopen®, built in Connection to SmartWire-DT Yes

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

NEMA Other Fitted with: Control unit

Brake chopper

Additional PCB protection

IGBT inverter

7-digital display asse...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DA1-359D0NB-A20C 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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