

INDUSTRIAL COMPONENT DATA

DA1-342D2FB-B66C 169378 Y7-169378 EATON ELECTRIC
Variable frequency drive, 400 V AC, 3-phase, 2.2 A, 0.75 kW..

Brand: EATON - MOELLER | Manufacturer Part Number: DA1-342D2FB-B66C



Manufacturer	EATON - MOELLER
MPN / Reference	DA1-342D2FB-B66C
Catalog number	Y7-169378
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-8F6BC3A17B
Generated	2026-08-01

Product Overview

Variable frequency drive, 400 V AC, 3-phase, 2.2 A, 0.75 kW, IP66/NEMA 4X, Radio interference suppression filter, OLED display

DA1-342D2FB-B66C

Variable frequency drive, Part group reference (e.g. DIL): DA1, Rated operational voltage: $U_e = 400$ V AC, 3-phase, 480 V AC, 3-phase, Output voltage with V_e : $U_2 = 400$ V AC, 3-phase, 480 V AC, 3-phase, Mains voltage (50/60Hz): $U_{LN} = 380$ (-10%) - 480 (+10%) V, Rated operational current At 150% overload: $I_e = 2.2$ A, Note: Rated operational current at a switching frequency of 8 kHz and an ambient air temperature of +40 °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: $P = 0.75$ kW, 150 % Overload: $I_M = 1.9$ A, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1$ HP, Assigned motor rating 150 % Overload: $I_M = 2.1$ A, Degree of Protection: IP66/NEMA 4X, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): Ethernet IP, DeviceNet, PROFIBUS, PROFINET, Modbus-TCP, EtherCAT, Fitted with: Radio interference suppression filter, Brake chopper, Additional PCB protection, OLED display, Frame size: FS2 , Standards: S...

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
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Additional Product Information

General specifications

Product Name Eaton DA1 Variable frequency drive Catalog Number 169378 Model Code DA1-342D2FB-B66C EAN

4015081658237 Product Length/Depth 239.3 mm Product Height 257 mm Product Width 188 mm Product Weight 4.8 kg

Certifications CE

CSA-C22.2 No. 14

UkrSEPRO

Certified by UL for use in Canada

EAC

CUL

Safety: EN 61800-5-1: 2003

UL Category Control No.: NMMS, NMMS7

UL

UL File No.: E172143

IEC/EN 61800-3

IEC/EN61800-3

UL 508C

RCM

IEC/EN61800-5

UL report applies to both US and Canada

Specification for general requirements: IEC/EN 61800-2

RoHS, ISO 9001 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

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

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

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 EtherCAT, optional

DeviceNet, optional

Modbus RTU, built in

OP-Bus (RS485), built in

Modbus-TCP, optional

Ethernet IP, optional

CANopen®, built in

PROFIBUS, optional

PROFINET, optional Connection to SmartWire-DT No Degree of protection IP66

NEMA 4X Electromagnetic compatibility 1st and 2nd environmen...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DA1-342D2FB-B66C 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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