

## INDUSTRIAL COMPONENT DATA

# DC1-349D5FB-A66OE1 199437 Y7-199437 EATON ELECTRIC DC1-349D5FB-A66OE1

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-349D5FB-A66OE1



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DC1-349D5FB-A66OE1                 |
| Catalog number  | Y7-199437                          |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-B194CD56E2                      |
| Generated       | 2026-08-04                         |

## Product Overview

DC1-349D5FB-A66OE1

Eaton DC1 Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW, IP66/NEMA 4X, Radio interference suppression filter, Brake chopper, 7-digital display assembly, Additional PCB protection, UV resistant, FS2

Variable frequency drive, Part group reference (e.g. DIL): DC1, 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:  $I_e = 9.5 \text{ A}$ , Note: Rated operational current at an operating frequency of 6 kHz and an ambient air temperature of  $+40^\circ \text{C}$ , Note: Overload cycle for 60 s every 600 s, Assigned motor rating Note: For normal internally and externally ventilated four-pole three-phase asynchronous motors with 1500 rpm at 50 Hz and 1800 rpm at 60 Hz, Overload cycle for 60 s every 600 s, at 400 V, 50 Hz, Assigned motor rating 150 % Overload:  $P = 4 \text{ kW}$ , 150 % Overload:  $I_M = 8.5 \text{ A}$ , Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload:  $P = 5 \text{ HP}$ , Assigned motor rating 150 % Overload:  $I_M = 7.6 \text{ A}$ , Degree of Protection: IP66/NEMA 4X, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: Radio interference suppression filter, Brake chopper, 7-digital display assembly, Additional PCB...

## 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

General specifications

Product Name Eaton DC1 Variable frequency drive Catalog Number 199437 Model Code DC1-349D5FB-A66OE1 EAN

4015081978267 Product Length/Depth 182 mm Product Height 257 mm Product Width 188 mm Product Weight 3.5 kg

Certifications UL File No.: E172143

IEC/EN 61800-2

UL 508C

CSA-C22.2 No. 14

IEC/EN61800-5

UL Category Control No.: NMMS, NMMS7

CE

Certified by UL for use in Canada

UL report applies to both US and Canada

RCM

IEC/EN 61800-5-1

CUL

IEC/EN 61800-3

UL Listed

UL

UkrSEPRO

EAC

CE marking

RoHS, ISO 9001 Catalog Notes Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: IGBT inverter

UV resistance

Brake chopper

Breaking resistance

7-digital display assembly

Radio interference suppression filter

Additional PCB protection

Control unit

PC connection

Internal DC link Functions 4-quadrant operation possible General

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

100 m, screened, maximum permissible cable length

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

150 m, unscreened, maximum permissible cable length

C3 ≤ 25 m, maximum motor cable length

C2 ≤ 5 m, maximum motor cable length Communication interface CANopen®, built in

Modbus RTU, built in

SmartWire-DT, optional

OP-Bus (RS485), built in Connection to SmartWire-DT No Degree of protection NEMA 4X

IP66 Electromagnetic compatibility 1st...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-349D5FB-A66OE1 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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