

INDUSTRIAL COMPONENT DATA

**DC1-34039FB-A66OE1 199447 Y7-199447 EATON ELECTRIC
DC1-34039FB-A66OE1**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-34039FB-A66OE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-34039FB-A66OE1
Catalog number	Y7-199447
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-5C70368258
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Product Overview

DC1-34039FB-A66OE1

Eaton DC1 Variable frequency drive, 400 V AC, 3-phase, 39 A, 18.5 kW, IP66/NEMA 4X, Radio interference suppression filter, Brake chopper, 7-digital display assembly, Additional PCB protection, UV resistant, FS4

Variable frequency drive, Part group reference (e.g. DIL): DC1, 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: $I_e = 39$ A, Note: Rated operational current at an operating frequency of 6 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 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: $P = 18.5$ kW, 150 % Overload: $I_M = 39$ A, Assigned motor rating Note: at 440 - 480 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 25$ HP, Assigned motor rating 150 % Overload: $I_M = 39$ 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...

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 DC1 Variable frequency drive Catalog Number 199447 Model Code DC1-34039FB-A66OE1 EAN 4015081978366 Product Length/Depth 275 mm Product Height 360 mm Product Width 240 mm Product Weight 9.5 kg

Certifications UL Category Control No.: NMMS, NMMS7

CUL

CE

IEC/EN 61800-5-1

RoHS, ISO 9001

Certified by UL for use in Canada

UL

RCM

EAC

CSA-C22.2 No. 14

IEC/EN 61800-2

UL Listed

IEC/EN 61800-3

CE marking

IEC/EN61800-5

UkrSEPRO

UL report applies to both US and Canada

UL 508C

UL File No.: E172143 Catalog Notes Features & Functions

Features Parameterization: Keypad

Parameterization: Fieldbus

Parameterization: drivesConnect mobile (App)

Parameterization: drivesConnect Fitted with: IGBT inverter

Internal DC link

Control unit

Radio interference suppression filter

Brake chopper

UV resistance

7-digital display assembly

PC connection

Breaking resistance

Additional PCB protection Functions 4-quadrant operation possible General

Cable length C3 ≤ 25 m, maximum motor cable length

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

150 m, unscreened, maximum permissible cable length

100 m, screened, maximum permissible cable length

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

C2 ≤ 5 m, maximum motor cable length Communication interface OP-Bus (RS485), built in

SmartWire-DT, optional

Modbus RTU, built in

CANopen®, built in Connection to SmartWire-DT No Degree of protection NEMA 4X

IP66 Electromagnetic compatibility 1st...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-34039FB-A66OE1 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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