

INDUSTRIAL COMPONENT DATA

**DC1-32046FB-A66OE1 199427 Y7-199427 EATON ELECTRIC
DC1-32046FB-A66OE1**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-32046FB-A66OE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-32046FB-A66OE1
Catalog number	Y7-199427
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-DEC468FFE6
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Product Overview

DC1-32046FB-A66OE1

Eaton DC1 Variable frequency drive, 230 V AC, 3-phase, 46 A, 11 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: $U_e = 230 \text{ V AC}$, 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: $I_e = 46 \text{ A}$, 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 230 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 11 \text{ kW}$, 150 % Overload: $I_M = 46 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 15 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 46 \text{ A}$, 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 > Power XL Frequency Converters

Additional Product Information

General specifications

Product Name Eaton DC1 Variable frequency drive Catalog Number 199427 Model Code DC1-32046FB-A66OE1 EAN

4015081978168 Product Length/Depth 275 mm Product Height 360 mm Product Width 240 mm Product Weight 9.5 kg

Certifications UL File No.: E172143

RCM

UL Category Control No.: NMMS, NMMS7

UkrSEPRO

IEC/EN 61800-3

UL report applies to both US and Canada

CE marking

UL

IEC/EN 61800-5-1

RoHS, ISO 9001

UL 508C

EAC

IEC/EN 61800-2

IEC/EN61800-5

CE

UL Listed

CUL

CSA-C22.2 No. 14

Certified by UL for use in Canada Catalog Notes Features & Functions

Features Parameterization: drivesConnect

Parameterization: Keypad

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus Fitted with: IGBT inverter

Breaking resistance

Internal DC link

PC connection

7-digital display assembly

Brake chopper

Additional PCB protection

UV resistance

Control unit

Radio interference suppression filter Functions 4-quadrant operation possible General

Cable length 100 m, screened, maximum permissible 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

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

C2 <= 5 m, maximum motor cable length Communication interface Modbus RTU, built in

SmartWire-DT, optional

OP-Bus (RS485), built in

CANopen®, built in Connection to SmartWire-DT No Degree of protection IP66

NEMA 4X Electromagnetic compatibility 1st...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-32046FB-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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