

INDUSTRIAL COMPONENT DATA

DC1-349D5FB-A66CE1 185756 EATON ELECTRIC Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW, IP66/NEMA..

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-349D5FB-A66CE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-349D5FB-A66CE1
Catalog number	185756
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-6DA89DADFA
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Product Overview

Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW, IP66/NEMA 4X, Radio interference suppression filter, Brake chopper, FS2

Ent Frequency Converter: 3 x 400 V Salt: 3 x 400 V 9.5 A 4 kW V/f, SLV EMC Filter Braking Transistor IP66

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 a switching frequency of 16 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 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: $P = 4 \text{ kW}$, 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, Frame...

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 185756 Model Code DC1-349D5FB-A66CE1 EAN 4015081812554 Product Length/Depth 192 mm Product Height 257 mm Product Width 188 mm Product Weight 5 kg

Certifications Certified by UL for use in Canada

IEC/EN61800-3

EAC

RoHS, ISO 9001

UL

CE

CSA-C22.2 No. 14

RCM

UkrSEPRO

UL File No.: E172143

Specification for general requirements: IEC/EN 61800-2

UL report applies to both US and Canada

CUL

IEC/EN 61800-3

UL Category Control No.: NMMS, NMMS7

Safety requirements: IEC/EN 61800-5-1

UL 508C

IEC/EN61800-5 Catalog Notes Environmental class: 3C3, 3S3 Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: Internal DC link

Breaking resistance

Control unit

IGBT inverter

7-digital display assembly

Radio interference suppression filter

Brake chopper

PC connection

Additional PCB protection General

Cable length 150 m, unscreened, maximum permissible, Motor feeder

100 m, screened, maximum permissible, Motor feeder

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

300 m, unscreened, with motor choke, maximum permissible, Motor feeder Communication interface CANopen®, built in

Modbus RTU, built in

OP-Bus (RS485), built in

SmartWire-DT, optional Connection to....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-349D5FB-A66CE1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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