

INDUSTRIAL COMPONENT DATA

DC1-349D5FB-A20CE1 185755 Y7-185755 EATON ELECTRIC

Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW,..

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-349D5FB-A20CE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-349D5FB-A20CE1
Catalog number	Y7-185755
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-72B235D2A0
Generated	2026-08-05

Product Overview

Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW, IP20/NEMA 0, Radio interference suppression filter, Brake chopper, FS2

DC1-349D5FB-A20CE1

Eaton DC1 Variable frequency drive, 400 V AC, 3-phase, 9.5 A, 4 kW, IP20/NEMA 0, Radio interference suppression filter, Brake chopper, FS2 DC1-349D5FB-A20CE1

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 16 kHz and an ambient air temperature of $+50^\circ\text{C}$, 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: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: Radio interferenc...

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 DC1 Variable frequency drive Catalog Number 185755 Model Code DC1-349D5FB-A20CE1 EAN 4015081812547 Product Length/Depth 152 mm Product Height 231 mm Product Width 107 mm Product Weight 2 kg

Certifications IEC/EN 61800-3

Safety requirements: IEC/EN 61800-5-1

UL report applies to both US and Canada

CE

CUL

RoHS, ISO 9001

Certified by UL for use in Canada

UL

CSA-C22.2 No. 14

UkrSEPRO

UL 508C

UL Category Control No.: NMMS, NMMS7

IEC/EN61800-3

RCM

IEC/EN61800-5

UL File No.: E172143

EAC

Specification for general requirements: IEC/EN 61800-2 Catalog Notes Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Fieldbus

Parameterization: Keypad Fitted with: IGBT inverter

Brake chopper

Control unit

Radio interference suppression filter

PC connection

Internal DC link

Breaking resistance

7-digital display assembly

Additional PCB protection Functions 4-quadrant operation possible General

Cable length C3 ≤ 25 m, Radio interference level, maximum motor cable length

150 m, unscreened, maximum permissible, Motor feeder

C2 ≤ 5 m, Radio interference level, maximum motor cable length

100 m, screened, maximum permissible, Motor feeder

200 m, screened, with motor choke, maximum permissible, Motor feeder

300 m, unscreened, with motor choke, maximum permissible, Motor feeder Communication interface Modbus RTU, built in

SmartWire-DT, optional

CANopen®, built in

OP-Bus (RS485), built in Conn...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-349D5FB-A20CE1 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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