

INDUSTRIAL COMPONENT DATA

DC1-S24D3FN-A66OE1 199387 Y7-199387 EATON ELECTRIC DC1-S24D3FN-A66OE1

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-S24D3FN-A66OE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-S24D3FN-A66OE1
Catalog number	Y7-199387
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-1C412D24B4
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Product Overview

DC1-S24D3FN-A66OE1

Eaton DC1 Variable frequency drive, 230 V AC, 1-phase, 4.3 A, 0.37 kW, IP66/NEMA 4X, Radio interference suppression filter, 7-digital display assembly, Additional PCB protection, UV resistant, FS1

Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 230 \text{ V AC}$, 1-phase, 240 V AC, single-phase, Output voltage with V_e : $U_2 = 230 \text{ V AC}$, single-phase, 240 V AC, single-phase, Mains voltage (50/60Hz): $U_{LN} = 200 (-10\%) - 240 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 4.3 \text{ A}$, 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 AC motors with internal and external ventilation with 50/60 Hz without additional start capacitor, Overload cycle for 60 s every 600 s, at 230 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 0.37 \text{ kW}$, 150 % Overload: $I_M = 4.3 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 0.5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 4.3 \text{ A}$, 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, 7-digital display assembly, Additional PCB protection, UV resistant, Frame size: F...

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 199387 Model Code DC1-S24D3FN-A66OE1 EAN 4015081977765 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg

Certifications CE

UL report applies to both US and Canada

UL File No.: E172143

UL Listed

RCM

RoHS, ISO 9001

IEC/EN 61800-2

UL Category Control No.: NMMS, NMMS7

IEC/EN 61800-5-1

UL

UL 508C

Certified by UL for use in Canada

CUL

IEC/EN 61800-3

CE marking

EAC

CSA-C22.2 No. 14

IEC/EN61800-5

UkrSEPRO Features & Functions

Features Parameterization: drivesConnect

Parameterization: drivesConnect mobile (App)

Parameterization: Keypad

Parameterization: Fieldbus Fitted with: Internal DC link

IGBT inverter

Radio interference suppression filter

UV resistance

7-digital display assembly

Additional PCB protection

PC connection

Control unit General

Cable length 150 m, unscreened, with motor choke, maximum permissible, Motor feeder

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

C3 ≤ 25 m, maximum motor cable length

C1 ≤ 1 m, maximum motor cable length

C2 ≤ 5 m, maximum motor cable length

50 m, screened, maximum permissible, Motor feeder

75 m, unscreened, maximum permissible, Motor feeder Communication interface SmartWire-DT, optional

CANopen®, built in

Modbus RTU, built in

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

IP66 Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Fr...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-S24D3FN-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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