

INDUSTRIAL COMPONENT DATA

**DC1-327D0FN-A66OE1 199415 Y7-199415 EATON ELECTRIC
DC1-327D0FN-A66OE1**

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-327D0FN-A66OE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-327D0FN-A66OE1
Catalog number	Y7-199415
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-5641769CC7
Generated	2026-08-06

Product Overview

DC1-327D0FN-A66OE1

Eaton DC1 Variable frequency drive, 230 V AC, 3-phase, 7 A, 1.5 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: $U_e = 230 \text{ V AC}$, 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: $I_e = 7 \text{ A}$, 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: $P = 1.5 \text{ kW}$, 150 % Overload: $I_M = 6.3 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 2 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 6.8 \text{ A}$, 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, Fra...

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 199415 Model Code DC1-327D0FN-A66OE1 EAN

4015081978045 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg
Certifications CSA-C22.2 No. 14
IEC/EN61800-5
CE
RCM
Certified by UL for use in Canada
UL Category Control No.: NMMS, NMMS7
UL 508C
UL report applies to both US and Canada
IEC/EN 61800-2
RoHS, ISO 9001
UkrSEPRO
UL File No.: E172143
IEC/EN 61800-5-1
EAC
CUL
CE marking
UL Listed
IEC/EN 61800-3
UL Catalog Notes Features & Functions
Features Parameterization: drivesConnect
Parameterization: Fieldbus
Parameterization: Keypad
Parameterization: drivesConnect mobile (App) Fitted with: PC connection
Control unit
IGBT inverter
Internal DC link
Radio interference suppression filter
7-digital display assembly
Additional PCB protection
UV resistance General
Cable length 75 m, unscreened, maximum permissible, Motor feeder
100 m, screened, with motor choke, maximum permissible, Motor feeder
50 m, screened, maximum permissible, Motor feeder
150 m, unscreened, with motor choke, maximum permissible, Motor feeder Communication interface Modbus RTU, built in
CANopen®, built in
OP-Bus (RS485), built in
SmartWire-DT, optional Connection to SmartWire-DT No Degree of protection IP66
NEMA 4X Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Frame size FS1 Mounting
position Vertical Product category Variable frequency drives Protection Fing...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-327D0FN-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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.