

INDUSTRIAL COMPONENT DATA

DC1-127D0FN-A6SOE1 199404 Y7-199404 EATON ELECTRIC DC1-127D0FN-A6SOE1

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-127D0FN-A6SOE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-127D0FN-A6SOE1
Catalog number	Y7-199404
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-EA6EF63190
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Product Overview

DC1-127D0FN-A6SOE1

Eaton DC1 Variable frequency drive, 230 V AC, 1-phase, 7 A, 1.5 kW, IP66/NEMA 4X, Radio interference suppression filter, 7-digital display assembly, Local controls, 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 : $U_2 = 230 \text{ V AC}$, 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, Local controls, Additio...

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 199404 Model Code DC1-127D0FN-A6SOE1 EAN 4015081977932 Product Length/Depth 162 mm Product Height 232 mm Product Width 161 mm Product Weight 2.5 kg

Certifications EAC
RoHS, ISO 9001
UL Listed
UkrSEPRO
RCM
IEC/EN 61800-5-1
CE marking
UL report applies to both US and Canada
IEC/EN 61800-2
CUL
UL Category Control No.: NMMS, NMMS7
IEC/EN 61800-3
UL
CE
IEC/EN61800-5
UL File No.: E172143
Certified by UL for use in Canada
CSA-C22.2 No. 14
UL 508C Catalog Notes Features & Functions
Features Parameterization: Keypad
Parameterization: Fieldbus
Parameterization: drivesConnect
Parameterization: drivesConnect mobile (App) Fitted with: Local controls
PC connection
Radio interference suppression filter
Control unit
Internal DC link
IGBT inverter
7-digital display assembly
Additional PCB protection
UV resistance General
Cable length C3 ≤ 25 m, maximum motor cable length
C1 ≤ 1 m, maximum motor cable length
150 m, unscreened, with motor choke, maximum permissible, Motor feeder
50 m, screened, maximum permissible, Motor feeder
C2 ≤ 5 m, maximum motor cable length
75 m, unscreened, maximum permissible, Motor feeder
100 m, screened, with motor choke, maximum permissible, Motor feeder Communication interface SmartWire-DT, optional
OP-Bus (RS485), built in
CANopen®, built in
Modbus RTU, built in Connection to SmartWire-DT No Degree of protection IP66
NEMA 4X Electromagnetic compatibility 1st and 2nd environments...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-127D0FN-A6SOE1 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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