

INDUSTRIAL COMPONENT DATA

DC1-S17D0NN-A20CE1 186073 Y7-186073 EATON ELECTRIC

Variable frequency drives, 1-/single-phase 115 V, 7.0 A, ..

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-S17D0NN-A20CE1



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-S17D0NN-A20CE1
Catalog number	Y7-186073
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-601E8164BB
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Product Overview

Variable frequency drives, 1-/single-phase 115 V, 7.0 A, 0.37 kW

DC1-S17D0NN-A20CE1

Eaton DC1 Variable frequency drive, 115 V AC, single-phase, 7 A, 0.37 kW, IP20/NEMA 0, FS1 DC1-S17D0NN-A20CE1 Variable frequency drive, Part group reference (e.g. DIL): DC1, Rated operational voltage: $U_e = 115 \text{ V AC}$, single-phase, Output voltage with V_e : $U_2 = 115 \text{ V AC}$, single-phase, Mains voltage (50/60Hz): $U_{LN} = 110 (-10\%) - 115 (+10\%) \text{ V}$, Rated operational current At 150% overload: $I_e = 7 \text{ A}$, Note: Rated operational current at an operating frequency of 16 kHz and an ambient air temperature of $+50 \text{ }^\circ\text{C}$, 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 115 V, 50 Hz, Assigned motor rating 150 % Overload: $P = 0.37 \text{ kW}$, 150 % Overload: $I_M = 7 \text{ A}$, Assigned motor rating Note: at 110 - 120 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 0.5 \text{ HP}$, Assigned motor rating 150 % Overload: $I_M = 5.8 \text{ A}$, Degree of Protection: IP20/NEMA 0, Interface/field bus (built-in): OP-Bus (RS485)/Modbus RTU, CANopen®, Fieldbus connection (optional): SmartWire-DT, Fitted with: 7-digital display assembly, Frame size: FS1, Standards: Specification for general requirements: IEC/EN 61800-2, EMC requirements: IEC/EN 61800-3, Safety requirements: IEC/EN 61800-5-1

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 186073 Model Code DC1-S17D0NN-A20CE1 EAN 4015081815746 Product Length/Depth 124 mm Product Height 184 mm Product Width 81 mm Product Weight 1.2 kg

Certifications RCM
CSA-C22.2 No. 14
UkrSEPRO
IEC/EN 61800-3
Certified by UL for use in Canada
CE
UL report applies to both US and Canada
CUL
UL File No.: E172143
IEC/EN61800-5
UL
UL 508C
IEC/EN61800-3
RoHS, ISO 9001
UL Category Control No.: NMMS, NMMS7
Specification for general requirements: IEC/EN 61800-2
Safety requirements: IEC/EN 61800-5-1
EAC Catalog Notes Environmental class: 3C2, 3S2 Features & Functions
Features Parameterization: drivesConnect
Parameterization: drivesConnect mobile (App)
Parameterization: Fieldbus
Parameterization: Keypad Fitted with: IGBT inverter
7-digital display assembly
PC connection
Control unit
Internal DC link
Additional PCB protection General
Cable length 100 m, screened, with motor choke, maximum permissible, Motor feeder
150 m, unscreened, with motor choke, maximum permissible, Motor feeder
50 m, screened, maximum permissible, Motor feeder
75 m, unscreened, maximum permissible, Motor feeder Communication interface CANopen®, built in
OP-Bus (RS485), built in
Modbus RTU, built in
SmartWire-DT, optional Connection to SmartWire-DT Yes
In conjunction with DX-NET-SWD3 SmartWire DT module Degree of protection IP20
NEMA 0 Frame size FS1 Mounting position Vertical Product category Variable frequency drives Protection Fi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-S17D0NN-A20CE1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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