

INDUSTRIAL COMPONENT DATA

DC1-S27D0FN-A6SN 169526 EATON ELECTRIC Converter of Frequency 1/1 230 V 7.0 A 0.75 kW, EMC Filter

Brand: EATON - MOELLER | Manufacturer Part Number: DC1-S27D0FN-A6SN



Manufacturer	EATON - MOELLER
MPN / Reference	DC1-S27D0FN-A6SN
Catalog number	169526
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-80270D8340
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Product Overview

Converter of Frequency; 1/1; 230 V; 7.0 A; 0.75 kW, EMC Filter

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: $I_e = 7 \text{ A}$, Note: Rated operational current at a switching frequency of 16 kHz and an ambient air temperature of +40 °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: $P = 0.75 \text{ kW}$, 150 % Overload: $I_M = 7 \text{ A}$, Assigned motor rating Note: at 220 - 240 V, 60 Hz, Assigned motor rating 150 % Overload: $P = 1 \text{ HP}$, 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, 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
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Additional Product Information

ETIM for 169526 Low-voltage industrial controls and switchgear (EC001857)

Feature Name

Feature Value

Mains voltage (EF006780)

200 V

Max. output frequency (EF007350)

120 Hz

Number of analogue outputs (EF001995)

1

Number of analogue inputs (EF001994)

2

Number of digital outputs (EF001993)

1

Number of digital inputs (EF001992)

4

With control element (EF001538)

No

Application in industrial area permitted (EF007294)

No

Application in domestic- and commercial area permitted (EF007295)

No

Supporting protocol for TCP/IP (EF003050)

No

Supporting protocol for PROFIBUS (EF003052)

No

Supporting protocol for CAN (EF003053)

No

Supporting protocol for INTERBUS (EF003054)

No

Supporting protocol for ASI (EF003051)

No

Supporting protocol for KNX (EF003055)

No

Supporting protocol for Modbus (EF003057)

No

Supporting protocol for Data-Highway (EF003058)

No

Supporting protocol for DeviceNet (EF003059)

No

Supporting protocol for SUCONET (EF003060)

No

Supporting protocol for LON (EF003017)

No

Supporting protocol for PROFINET IO (EF007525)

No

Supporting protocol for PROFINET CBA (EF007524)

No

Supporting protocol for SERCOS (EF006657)

No

Supporting protocol for Foundation Fieldbus (EF007522)

No

Supporting protocol for EtherNet/IP (EF007521)

No

Supporting protocol for AS-Interface Safety at Work (EF007519)

No

Supporting protocol for DeviceNet Safety (EF007520)

No

Supporting protocol for INTERBUS-Safety (EF006662)

No

Supporting protocol for PROFIsafe (EF007526)

No

Supporting protocol for SafetyBUS p (E...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DC1-S27D0FN-A6SN with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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