

INDUSTRIAL COMPONENT DATA

**DM1-116D9EB-S20S-EM 3-5043-004A EATON ELECTRIC
DM1-116D9EB-S20S-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-116D9EB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-116D9EB-S20S-EM
Catalog number	3-5043-004A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-4454BDD479
Generated	2026-08-03

Product Overview

DM1-116D9EB-S20S-EM

Variable frequency drive, 115 V AC, single-phase, 6.9 A, 0.75 kW, IP20/NEMA0, Radio interference suppression filter, 7-digital display assembly, Setpoint potentiometer, Brake chopper, STO (Safe Torque Off, SIL2, PLd Cat 3)

Variable frequency drive DM1, Mains voltage: 100 - 120 V AC, 1-phase, Nominal output current: 6.9 A, Output at linear load at rated output voltage - max: 1.1 kW, fitted with: Radio interference suppression filter, Internal DC link, 7-digital display assembly, DC link choke, Setpoint potentiometer, Brake chopper, IGBT inverter, Breaking resistance, Control unit, PC connection, Frame Size: FS2

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

EL-Nummer (Norway)4132223Variable frequency drive, 115 V AC, single-phase, 6.9 A, 0.75 kW, IP20/NEMA0, Radio interference suppression filter, 7-digital display assembly, Setpoint potentiometer, Brake chopper, STO (Safe Torque Off, SIL2, PLd Cat 3)Variable frequency drive, DM1, Output voltage with Ve: 115 V AC, 3-phase, Mains voltage (50/60Hz): 115 (-10%/+10%) V, Rated operational current At 150% overload: 6.9 A, at 115 V, 50 Hz, 150 % Overload: 0.75 kW, 110 % Overload: 1.1 kW, Degree of Protection: IP20/NEMA0, Interface/field bus (built-in): Modbus RTU, Modbus TCP, BACnet MS/TP, Ethernet IP, BACnet TCP, Fieldbus connection (optional): Profibus, CAN, DeviceNet, SmartWireDT, Fitted with: Radio interference suppression filter, 7-digital display assembly, Setpoint potentiometer, Brake chopper, Parameterization: Keypad, Fieldbus, Power Xpert inControl, Frame size: FS2, Connection to SmartWire-DT: yes, in conjunction with DXG-NET-SWD SmartWire DT moduleDelivery program

Product rangeVariable frequency drivesPart group reference (e.g. DIL)DM1Rated operational voltage [Ue]115 V AC, single-phaseOutput voltage with Ve[U2]115 V AC, 3-phaseMains voltage (50/60Hz) [ULN]115 (-10%/+10%) VRated operational current [Ie]At 150% overload [Ie]6.9 AAt 110% overload [Ie]7.8 ANoteRated operational current for a switching frequency of 1 - 16 kHz and an ambient temperature of +50 °C for a 150% overload and +40 °C for a 110% overloadAssigned motor ratingNotefor normal internally and externally ventila...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-116D9EB-S20S-EM 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.