

INDUSTRIAL COMPONENT DATA

**DM1-12017NB-S20S-EM 3-5050-002A EATON ELECTRIC
DM1-12017NB-S20S-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-12017NB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-12017NB-S20S-EM
Catalog number	3-5050-002A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-31E55E5080
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Product Overview

DM1-12017NB-S20S-EM

Variable frequency drive, 230 V AC, 1-phase, 17.5 A, 4 kW, IP20/NEMA0, 7-digital display assembly, Setpoint potentiometer, Brake chopper, STO (Safe Torque Off, SIL2, PLd Cat 3)

Variable frequency drive DM1, Mains voltage: 200 - 240 V AC, 1-phase, Nominal output current: 17.5 A, Output at linear load at rated output voltage - max: 4 kW, fitted with: IGBT inverter, 7-digital display assembly, DC link choke, Setpoint potentiometer, Brake chopper, Internal DC link, Breaking resistance, Control unit, PC connection, Frame Size: FS3

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

EL-Nummer (Norway)4132242Variable frequency drive, 230 V AC, 1-phase, 17.5 A, 4 kW, IP20/NEMA0, 7-digital display assembly, Setpoint potentiometer, Brake chopper, STO (Safe Torque Off, SIL2, PLd Cat 3)Variable frequency drive, DM1, Output voltage with Ve: 230 V AC, single-phase, Mains voltage (50/60Hz): 208 (-10%) - 240 (+10%) V, Rated operational current At 150% overload: 17.5 A, at 230 V, 50 Hz, 150 % Overload: 4 kW, 110 % Overload: 5.5 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: 7-digital display assembly, Setpoint potentiometer, Brake chopper, Parameterization: Keypad, Fieldbus, Power Xpert inControl, Frame size: FS3, 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]230 V AC, 1-phase

240 V AC, single-phase Output voltage with $V_e[U_2]$ 230 V AC, 3-phase
240 V AC, 3-phase Mains voltage (50/60Hz) $[U_{LN}]$ 208 (-10%) - 240 (+10%) V Rated operational current $[I_e]$ At 150%
overload $[I_e]$ 17.5 A At 110% overload $[I_e]$ 25 A Note Rated 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% overload Assigned motor rating Note for normal
internally and externally ventilated 4 pole, three-phase asynch...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-12017NB-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

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requirements against the manufacturer documentation before purchase or installation.