

INDUSTRIAL COMPONENT DATA

**DM1-34012NB-S20S-EM 3-5012-005A EATON ELECTRIC
DM1-34012NB-S20S-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-34012NB-S20S-EM



Manufacturer	EATON - MOELLER
MPN / Reference	DM1-34012NB-S20S-EM
Catalog number	3-5012-005A
Category	Frequency converter less than 1 kV
Minimum order	1 Pcs
Document ID	EO-5CA11BF1AC
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Product Overview

DM1-34012NB-S20S-EM

Variable frequency drive, 400 V AC, 3-phase, 12 A, 5.5 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: 380 - 480 V AC, 3-phase, Nominal output current: 12 A, Output at linear load at rated output voltage - max: 5.5 kW, fitted with: 7-digital display assembly, Internal DC link, Brake chopper, IGBT inverter, Setpoint potentiometer, DC link choke, 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

General specifications

Product Name Eaton DM1 Variable frequency drive Catalog Number 3-5012-005A Model Code DM1-34012NB-S20S-EM
EAN 4015081980932 Product Length/Depth 180 mm Product Height 220 mm Product Width 109 mm Product Weight 2.6 kg
Certifications Certified by UL for use in Canada

IEC/EN 61800-3

IEC/EN61800-5

IEC/EN 61800-5-1

UL

CE

CUL

RoHS, ISO 9001
CSA-C22.2 No. 274-13
CSA-C22.2 No. 274-17
EAC
UL Listed
CE marking
UL File No.: E134360
UL Category Control No.: NMMS, NMMS7
UL 508C
IEC/EN 61800-2
UL report applies to both US and Canada
C-Tick
IEC/EN61800-3
UkrSEPRO General
Air volume capacity 64 m³/h Communication interface BACnet MS/TP, built in
Modbus TCP, built in
Ethernet IP, built in
BACnet TCP
CANopen®, optional
SmartWire-DT, optional
DeviceNet, optional
PROFIBUS, optional
Modbus RTU, built in Connection to SmartWire-DT Yes
In conjunction with DXG-NET-SWD SmartWire DT module Degree of protection IP20
NEMA Other Electromagnetic compatibility 1st and 2nd environments (according to EN 61800-3) Environmental class 3C2, 3S2 (Air quality) Features Parameterization: Power Xpert inControl
Temperature-controlled fan
Parameterization: Fieldbus
Parameterization: Keypad Fitted with: 7-digital display assembly
Internal DC link
Brake chopper
IGBT inverter
Setpoint potentiometer
Breaking resistance
Control unit
PC connection Frame size FS2 Mounting position Vertical Number of slots 1 (expansion) Overvoltage category III Pollution degree 2 Product Category Variable frequency dri...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-34012NB-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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