

## INDUSTRIAL COMPONENT DATA

**DM1-32048EB-S20S-EM 3-5007-004A EATON ELECTRIC  
DM1-32048EB-S20S-EM**

Brand: EATON - MOELLER | Manufacturer Part Number: DM1-32048EB-S20S-EM



|                 |                                    |
|-----------------|------------------------------------|
| Manufacturer    | EATON - MOELLER                    |
| MPN / Reference | DM1-32048EB-S20S-EM                |
| Catalog number  | 3-5007-004A                        |
| Category        | Frequency converter less than 1 kV |
| Minimum order   | 1 Pcs                              |
| Document ID     | EO-7839D6C5E9                      |
| Generated       | 2026-08-04                         |

**Product Overview**

DM1-32048EB-S20S-EM

Variable frequency drive, 230 V AC, 3-phase, 48 A, 11 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: 200 - 240 V AC, 3-phase, Nominal output current: 48.3 A, Output at linear load at rated output voltage - max: 11 kW, fitted with: IGBT inverter, Radio interference suppression filter, DC link choke, Setpoint potentiometer, Brake chopper, 7-digital display assembly, Internal DC link, Breaking resistance, Control unit, PC connection, Frame Size: FS4

## 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)4132274Variable frequency drive, 230 V AC, 3-phase, 48 A, 11 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: 230 V AC, 3-phase, Mains voltage (50/60Hz): 208 (-10%) - 240 (+10%) V, Rated operational current At 150% overload: 48 A, at 230 V, 50 Hz, 150 % Overload: 11 kW, 110 % Overload: 15 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: FS4, 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, 3-phase  
240 V AC, 3-phaseOutput voltage with Ve[U2]230 V AC, 3-phase  
240 V AC, 3-phaseMains voltage (50/60Hz) [ULN]208 (-10%) - 240 (+10%) VRated operational current [Ie]At 150% overload [Ie]48 AAt 110% overload [Ie]61 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send EATON - MOELLER / DM1-32048EB-S20S-EM with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.