

Eaton DM1-32011NB-S20S

Catalog Number: DM1-32011NB-S20S

Eaton PowerXL DM1 series micro drive, Three-phase, 230 V, 11 A, Internal brake chopper, Multi segment LCD display, IP20, STO SIL2 and ethernet I/P, Modbus TCP onboard

General specifications

Product Name	Catalog Number
Eaton PowerXL DM1 micro variable frequency drive	DM1-32011NB-S20S
	UPC
	786689350802
Product Length/Depth	Product Height
14 in	10.5 in
Product Width	Product Weight
7 in	6.7 lb
Certifications	
UL Listed	



Brake chopper

Internal brake chopper

Series

DM1

Drive type

General purpose

Frame size

FR2

Enclosure rating

IP00

Input phases

Three-phase

Output phases

Three-phase

Electromagnetic compatibility filter

No

Internal choke

No

Internal line reactor

No

Ambient operating temperature range

-10 to 50 °C CT

-10 to 40 °C VT

Conformal coated boards

Yes

User interface

Multi-segment

Input voltage range

200-240 Vac

Input frequency range

50-60 Hz

Output frequency range

0-400 Hz

Max overload

200 %

Specifications and datasheets

Eaton Specification Sheet - DM1-32011NB-S20S

Fuse size - max

40

Mounting Type

Panel mount

DIN rail

Digital inputs

4

Analog inputs

1

Relay outputs

2

Digital outputs

0

High overload (CT) hp

3

High overload (CT) kW

2.2

Low overload (VT) kW

4

Low overload (VT) amps

17

High overload (CT) amps

11

Low overload (VT) hp

5

Communications onboard

Modbus RTU

Modbus TCP

Ethernet/IP

BACnet IP

BACnet MS/TP

Bluetooth

Communications optional

CANopen

PROFIBUS

SmartWireDT

Motor control modes

V/Hz

Open loop vector control

Motor type

Induction

Induction motor

Permanent magnet motor (SPM/IPM)



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