

Eaton DM1-32032NB-N20B

Catalog Number: DM1-32032NB-N20B

Eaton PowerXL DM1 series micro drive, Three-phase, 230 V, 32 A, Internal brake chopper, IP20, No ST0 and no ethernet communications

General specifications

| | |
|--|------------------|
| Product Name | Catalog Number |
| Eaton PowerXL DM1 micro variable frequency drive | DM1-32032NB-N20B |
| | UPC |
| | 786689350161 |
| Product Length/Depth | Product Height |
| 7.68 in | 11.81 in |
| Product Width | Product Weight |
| 7.24 in | 13.9 lb |
| Certifications | |
| UL Listed | |



Product specifications

Brake chopper

Internal brake chopper

Series

DM1

Drive type

General purpose

Frame size

FR4

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

None

Input voltage range

200-240 Vac

Input frequency range

50-60 Hz

Output frequency range

0-400 Hz

Max overload

200 %

Resources

Specifications and datasheets

Eaton Specification Sheet - DM1-32032NB-N20B

Fuse size - max

100

Mounting Type

Panel mount

Digital inputs

4

Analog inputs

1

Relay outputs

2

Digital outputs

0

High overload (CT) hp

10

High overload (CT) kW

7.5

Low overload (VT) kW

11

Low overload (VT) amps

48

High overload (CT) amps

32

Low overload (VT) hp

15

Communications onboard

Modbus RTU

Bluetooth

Motor control modes

V/Hz

Open loop vector control

Motor type

Induction

Induction motor

Permanent magnet motor (SPM/IPM)



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are
property of their respective
owners.



Eaton.com/socialmedia