

Eaton DM1-324D8EB-N20B

Catalog Number: DM1-324D8EB-N20B

Eaton PowerXL DM1 micro variable frequency drive, Three-phase, 230 V, 4.8 A, Internal EMC filter, Internal brake chopper, IP20, No ST0 and no ethernet communications

General specifications

Product Name	Catalog Number
Eaton PowerXL DM1 micro variable frequency drive	DM1-324D8EB-N20B
	UPC
	786689350345
Product Length/Depth	Product Height
7.03 in	5.98 in
Product Width	Product Weight
2.83 in	2.6 lb
Certifications	
UL Listed	



Product specifications

Max overload

200 %

High overload (CT) amps

4.8

Motor control modes

V/Hz

Open loop vector control

Conformal coated boards

Yes

Low overload (VT) kW

1.5

Ambient operating temperature range

-10 to 50 °C CT

-10 to 40 °C VT

Communications onboard

Modbus RTU

Bluetooth

Motor type

Induction

Induction motor

Permanent magnet motor (SPM/IPM)

Electromagnetic compatibility filter

Yes

Fuse size - max

20

Internal choke

No

User interface

None

Brake chopper

Internal brake chopper

Input phases

Three-phase

High overload (CT) kW

0.75

Resources

Specifications and datasheets

Eaton Specification Sheet - DM1-324D8EB-N20B

Digital inputs

4

Output phases

Three-phase

Analog inputs

1

Mounting Type

Panel mount

DIN rail

Digital outputs

0

Low overload (VT) hp

2

Low overload (VT) amps

7.8

Internal line reactor

No

High overload (CT) hp

1

Frame size

FR1

Output frequency range

0-400 Hz

Series

DM1

Relay outputs

2

Input voltage range

200-240 Vac

Input frequency range

50-60 Hz

Enclosure rating

IP00

Drive type

General purpose