

Eaton DM1-327D8EB-N20B

Catalog Number: DM1-327D8EB-N20B

Eaton PowerXL DM1 series micro drive, Three-phase, 230 V, 7.8 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	DM1-327D8EB-N20B
	UPC
	786689348557
Product Length/Depth	Product Height
7.03 in	5.98 in
Product Width	Product Weight
2.83 in	2.6 lb
Certifications	
UL Listed	



Brake chopper

Internal brake chopper

Series

DM1

Drive type

General purpose

Frame size

FR1

Enclosure rating

IP00

Input phases

Three-phase

Output phases

Three-phase

Electromagnetic compatibility filter

Yes

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 %

Specifications and datasheets

Eaton Specification Sheet - DM1-327D8EB-N20B

Fuse size - max

30

Mounting Type

Panel mount

DIN rail

Digital inputs

4

Analog inputs

1

Relay outputs

2

Digital outputs

0

High overload (CT) hp

2

High overload (CT) kW

1.5

Low overload (VT) kW

2.2

Low overload (VT) amps

11

High overload (CT) amps

7.8

Low overload (VT) hp

3

Communications onboard

Modbus RTU

Bluetooth

Motor control modes

V/Hz

Open loop vector control

Motor type

Induction

Induction motor

Permanent magnet motor (SPM/IPM)



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