

Eaton DM1-32048EB-N20B

Catalog Number: DM1-32048EB-N20B

Eaton PowerXL DM1 series micro drive, Three-phase, 230 V, 48 A, Internal EMC filter, Internal brake chopper, IP20, No STO and no ethernet communications

General specifications

Product Name	Catalog Number
Eaton PowerXL DM1 micro variable frequency drive	DM1-32048EB-N20B
	UPC
	786689350710
Product Length/Depth	Product Height
20.4 in	10.8 in
Product Width	Product Weight
9.8 in	18.1 lb
Certifications	
UL Listed	



Product specifications

Max overload

200 %

High overload (CT) amps

48

Motor control modes

V/Hz

Open loop vector control

Conformal coated boards

Yes

Low overload (VT) kW

15

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

125

Internal choke

No

User interface

None

Brake chopper

Internal brake chopper

Input phases

Three-phase

High overload (CT) kW

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Digital inputs

Resources

Specifications and datasheets

Eaton Specification Sheet - DM1-32048EB-N20B

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Output phases

Three-phase

Analog inputs

1

Mounting Type

Panel mount

Digital outputs

0

Low overload (VT) hp

20

Low overload (VT) amps

62.1

Internal line reactor

No

High overload (CT) hp

15

Frame size

FR4

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



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