Eaton DM1-344D3EB-S20S

Catalog Number: DM1-344D3EB-S20S

Eaton PowerXL DM1 micro variable frequency drive, Three-phase, 400 V, 4.3 A, Internal EMC filter, Internal brake chopper, Multi segment LCD display, IP20, ST0 SIL2 and ethernet I/P, Modbus TCP onboard

Photo is representative

General specifications

Product Name

Eaton PowerXL DM1 micro variable frequency drive

Catalog Number

DM1-344D3EB-S20S

UPC

786689349363

Product Length/Depth

7.03 in

Product Height

5.98 in

Product Width

2.83 in

Product Weight

2.6 lb

Certifications

UL Listed

defaultTaxonomyAttributeLabel

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

Multi-segment

Input voltage range

380-480 Vac

Input frequency range

50-60 Hz

Output frequency range

0-400 Hz

Max overload

Resources

Specifications and datasheets

Eaton Specification Sheet - DM1-344D3EB-S20S

200 %

Fuse size - max

15

Mounting Type

DIN rail

Panel mount

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

5.6

High overload (CT) amps

4.3

Low overload (VT) hp

3

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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