

Eaton DM1-345D6EB-S20S

Catalog Number: DM1-345D6EB-S20S

Eaton PowerXL DM1 series micro drive, Three-phase, 400 V, 5.6 A, Internal EMC filter, Internal brake chopper, Multi segment LCD display, IP20, ST0 SIL2 and ethernet I/P, Modbus TCP onboard

General specifications

Product Name	Catalog Number
Eaton PowerXL DM1 micro variable frequency drive	DM1-345D6EB-S20S
UPC	786689349608
Product Length/Depth	Product Height
7.03 in	5.98 in
Product Width	Product Weight
2.83 in	3.9 lb
Certifications	
UL Listed	



defaultTaxonomyAttributeLabel

Resources

Brake chopper

Specifications and datasheets

Internal brake chopper

Eaton Specification Sheet - DM1-345D6EB-S20S

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

200 %

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

3

High overload (CT) kW

2.2

Low overload (VT) kW

3

Low overload (VT) amps

7.6

High overload (CT) amps

5.6

Low overload (VT) hp

5

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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