

Eaton DM1-354D5EB-S20S

Catalog Number: DM1-354D5EB-S20S

Eaton PowerXL DM1 micro variable frequency drive, Three-phase, 575V, FR2, 2.2KW, 3HP, IP20, EMI US

Photo is representative

General specifications

Product Name	Catalog Number
Eaton PowerXL DM1 micro variable frequency drive	DM1-354D5EB-S20S
	UPC
	786689577810
Product Length/Depth	Product Height
342.9 mm	254 mm
Product Width	Product Weight
171.45 mm	3.44 kg
Certifications	
UL Listed	



Brake chopper

Internal brake chopper

Series

DM1

Drive type

General purpose

Frame size

FR2

Enclosure rating

IP20

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

525-600 Vac

Input frequency range

50-60 Hz

Output frequency range

0-400 Hz

Max overload

200 %

Specifications and datasheets

Eaton Specification Sheet - DM1-354D5EB-S20S

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

3

High overload (CT) kW

2.2

Low overload (VT) kW

3

Low overload (VT) amps

7.5

High overload (CT) amps

4.5

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 motor

Permanent magnet motor (SPM/IPM)



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