

# Eaton DM1-357D5EB-S20S

Catalog Number: DM1-357D5EB-S20S

Eaton PowerXL DM1 micro variable frequency drive, Three-phase, 575V, FR2, 3KW, 5HP, IP20, EMI US

## General specifications

Product Name	Catalog Number
Eaton PowerXL DM1 micro variable frequency drive	DM1-357D5EB-S20S
	UPC
	786689577872
Product Length/Depth	Product Height
109 mm	220 mm
Product Width	Product Weight
180 mm	2.63 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 - DM1-357D5EB-S20S

#### Fuse size - max

30

#### Mounting Type

DIN rail

Panel mount

#### Digital inputs

4

#### Analog inputs

1

#### Relay outputs

2

#### Digital outputs

0

#### High overload (CT) hp

5

#### High overload (CT) kW

3

#### Low overload (VT) kW

5.5

#### Low overload (VT) amps

10

#### High overload (CT) amps

7.5

#### Low overload (VT) hp

7.5

#### 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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