Product specifications

# 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

### General specifications

**Product Name**
Eaton PowerXL DM1 micro variable frequency drive

**Catalog Number**
DM1-354D5EB-S20S

**UPC**
786689577810

**Product Length/Depth**
342.9 mm

**Product Height**
254 mm

**Product Width**
171.45 mm

**Product Weight**
3.44 kg

**Certifications**
UL Listed

## Product specifications

### Max overload

200 %

### High overload (CT) amps

4.5

### Motor control modes

V/Hz

Open loop vector control

### Conformal coated boards

Yes

### Low overload (VT) kW

3

### Ambient operating temperature range

-10 to 50 °C CT

-10 to 40 °C VT

### Communications onboard

Modbus RTU

Modbus TCP

Ethernet/IP

BACnet IP

BACnet MS/TP

Bluetooth

### Motor type

Induction motor

Permanent magnet motor (SPM/IPM)

### Electromagnetic compatibility filter

Yes

### Fuse size - max

15

### Internal choke

No

### User interface

Multi-segment

### Brake chopper

Internal brake chopper

### Input phases

Three-phase

## Resources

### Specifications and datasheets

Eaton Specification Sheet - DM1-354D5EB-S20S

High overload (CT) kW

2.2

Digital inputs

4

Output phases

Three-phase

Analog inputs

1

Mounting Type

DIN rail

Panel mount

Digital outputs

0

Low overload (VT) hp

5

Low overload (VT) amps

7.5

Internal line reactor

No

High overload (CT) hp

3

Frame size

FR2

Output frequency range

0-400 Hz

Series

DM1

Communications optional

CANopen

PROFIBUS

SmartWireDT

Relay outputs

2

Input voltage range

525-600 Vac

Input frequency range

50-60 Hz

Enclosure rating

IP20

Drive type

General purpose

Eaton Corporation plc
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30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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