

Eaton DM1-34016EB-S20S

Catalog Number: DM1-34016EB-S20S

Eaton PowerXL DM1 micro variable frequency drive, Three-phase, 400 V, 16 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	DM1-34016EB-S20S
	UPC
	786689349165
Product Length/Depth	Product Height
7.09 in	8.66 in
Product Width	Product Weight
4.29 in	5.8 lb
Certifications	
UL Listed	



defaultTaxonomyAttributeLabel

Brake chopper

Internal brake chopper

Series

DM1

Drive type

General purpose

Frame size

FR2

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 - DM1-34016EB-S20S](#)

200 %

Fuse size - max

60

Mounting Type

Panel mount

DIN rail

Digital inputs

4

Analog inputs

1

Relay outputs

2

Digital outputs

0

High overload (CT) hp

10

High overload (CT) kW

7.5

Low overload (VT) kW

11

Low overload (VT) amps

23

High overload (CT) amps

16

Low overload (VT) hp

15

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)



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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



Eaton.com/socialmedia