

# Eaton DH1-35034FB-C21C

Catalog Number: DH1-35034FB-C21C

Eaton PowerXL DH1 VFD, 30HP, 22KW, keypad, DC choke, EMC filter, NO brake, Modbus RTU/TCP, BACnet MSTP/IP, 575V, 34A

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton PowerXL DH1 variable frequency drive	DH1-35034FB-C21C
	<b>UPC</b>
	786689049560
<b>Product Length/Depth</b>	<b>Product Height</b>
27.3 in	16 in
<b>Product Width</b>	<b>Product Weight</b>
12.1 in	53.15 lb
<b>Warranty</b>	<b>Compliances</b>
Eaton Selling Policy 25-000 generally applies with some exceptions. Drive products come with a standard 24 months from date of shipment and 36 months with Eaton certified start up all inclusive coverage parts labor and travel.	GoST-R RoHS Compliant CE Marked C-Tick Compliant
	<b>Certifications</b>
	EN ISO 13849-1 IEC 61508 UL 508C EN 62061 cUL Listed UL Listed



## Product specifications

### Max overload

110% for 1 minute

### Communication interface

PROFIBUS-DP

### Motor control modes

Frequency Control, Speed Control, Open Loop Speed Control, Open Loop Torque Control

### Internal DC choke

Yes

### Conformal coated boards

Yes

### Low overload (VT) kW

22 kW

### Low overload (VT) hp

30 HP

### Low overload (VT) amps

34A

### Amperage Rating

34A

### Communications onboard

BACnet/IP, Modbus TCP, Modbus RTU, BACnet MS/TP

### Motor type

Induction

### Output frequency range

0 - 400 Hz

### Series

DH1

### Electromagnetic compatibility filter

EMC

### User interface

Graphical Keypad

### Relay outputs

3

### Power consumption

22 kW

## Resources

### Catalogs

[Adjustable Frequency Drives](#)

### Specifications and datasheets

[Eaton Specification Sheet - DH1-35034FB-C21C](#)

Input voltage range

525 - 600 Vac

Horsepower

30 hp

Recommended fuse size

45A

Keypad

Included

Input frequency range

50 - 60 Hz

Voltage rating

575 V



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