

# Eaton DH1-35041FB-C54C

Catalog Number: DH1-35041FB-C54C

Eaton PowerXL DH1 VFD,41A,40 HP,30 kW,525 - 600 Vac,KEYPAD,EMC Filter,DC Choke,Brake Chopper,IP54



## General specifications

### Product Name

Eaton PowerXL DH1 variable frequency drive

### Catalog Number

DH1-35041FB-C54C

### Product Length/Depth

21.97 in

### Product Height

10.44 in

### Product Width

8.06 in

### Product Weight

49.82 lb

### Warranty

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.

### Compliances

RoHS Compliant  
CE Marked  
GoST-R  
C-Tick Compliant

### Certifications

UL Listed  
EN 62061  
EN ISO 13849-1  
IEC 61508  
cUL Listed  
UL 508C

## 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

30 kW

### Low overload (VT) hp

40 HP

### Low overload (VT) amps

41A

### Amperage Rating

41A

### 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

30 kW

## Resources

### Catalogues

[Adjustable Frequency Drives](#)

Input voltage range

525 - 600 Vac

Horsepower

40 hp

Recommended fuse size

50A

Keypad

Included

Input frequency range

50 - 60 Hz

Voltage rating

575 V



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