

Eaton DH1-34310FN-C54C

Catalog Number: DH1-34310FN-C54C

Eaton PowerXL DH1 VFD,310A,250 HP,160 kW,380 - 480 Vac,KEYPAD,EMC Filter,DC Choke,No Brake Chopper,IP54

General specifications



Photo is representative

| | |
|--|-----------------------|
| Product Name | Catalog Number |
| Eaton PowerXL DH1 variable frequency drive | DH1-34310FN-C54C |
| | UPC |
| | 786689047443 |

| | |
|-----------------------------|-----------------------|
| Product Length/Depth | Product Height |
| 34.04 in | 14.61 in |

| | |
|----------------------|-----------------------|
| Product Width | Product Weight |
| 19.13 in | 281.3 lb |

| | |
|--|---|
| Warranty | Compliances |
| 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. | CE Marked GoST-R C-Tick Compliant RoHS Compliant |

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

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Amperage Rating

310A

Horsepower

250 hp

Voltage rating

480 V

Keypad

Included

Power consumption

160 kW

Series

DH1

Electromagnetic compatibility filter

EMC

Internal DC choke

Yes

Conformal coated boards

Yes

User interface

Graphical Keypad

Low overload (VT) amps

310A

Low overload (VT) kW

160 kW

Low overload (VT) hp

250 HP

Input voltage range

380 - 480 Vac

Input frequency range

50 - 60 Hz

Output frequency range

0 - 400 Hz

Max overload

110% for 1 minute

Recommended fuse size

Resources

Specifications and datasheets

Eaton Specification Sheet - DH1-34310FN-C54C

400A

Relay outputs

3

Communications onboard

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

Communication interface

PROFIBUS-DP

Motor control modes

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

Motor type

Induction



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