

Eaton DH1-34031DN-C21C

Catalog Number: DH1-34031DN-C21C

Eaton PowerXL DH1 VFD,31A,20 HP,15 kW,380 - 480 Vac,KEYPAD,No EMC Filter,DC Choke,No Brake Chopper,IP21



General specifications

Product Name	Catalog Number
Eaton PowerXL DH1 variable frequency drive	DH1-34031DN-C21C
	UPC
	786678007908
Product Length/Depth	Product Height
6.61 in	14 in
Product Width	Product Weight
9.63 in	23.37 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 C-Tick Compliant GoST-R RoHS Compliant
	Certifications
	cUL Listed UL Listed EN 62061 IEC 61508 UL 508C EN ISO 13849-1

defaultTaxonomyAttributeLabel

Extended I/O card

BACnet MSTP/IP

Modification

DC choke

Amperage Rating

31A

Horsepower

20 hp

Voltage rating

480 V

Keypad

Included

Display

LCD graphical

Options

Without EMC filter

Communication

Modbus RTU/TCP

Rating

IP21

Power consumption

15 kW

Series

DH1

Electromagnetic compatibility filter

None

Internal DC choke

Yes

Conformal coated boards

Yes

User interface

Graphical Keypad

Low overload (VT) amps

31A

Low overload (VT) kW

Resources

Catalogs

[Adjustable Frequency Drives](#)

Specifications and datasheets

[Eaton Specification Sheet - DH1-34031DN-C21C](#)

15 kW

Low overload (VT) hp

20 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

35A

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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