

Eaton DH1-32031DN-C21C

Catalog Number: DH1-32031DN-C21C

Eaton PowerXL DH1 VFD,31A,10 HP,7.5 kW,200 - 240 Vac,KEYPAD,No EMC Filter,DC Choke,No Brake Chopper,IP21



General specifications

Product Name	Catalog Number
Eaton PowerXL DH1 variable frequency drive	DH1-32031DN-C21C
	UPC
	786678007854
Product Length/Depth	Product Height
6.61 in	16.5 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.	RoHS Compliant
	CE Marked
	GoST-R
	C-Tick Compliant
	Certifications
	EN ISO 13849-1
	EN 62061
	cUL Listed
	UL Listed
	UL 508C
	IEC 61508

defaultTaxonomyAttributeLabel

Extended I/O card

BACnet MSTP/IP

Modification

DC choke

Amperage Rating

31A

Horsepower

10 hp

Voltage rating

230 V

Keypad

Included

Display

LCD graphical

Options

Without EMC filter

Communication

Modbus RTU/TCP

Rating

IP21

Power consumption

7.50 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 - DH1-32031DN-C21C](#)

7.5 kW

Low overload (VT) hp

10 HP

Input voltage range

200 - 240 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



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

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