

Eaton DH1-34170NN-N21C

Catalog Number: DH1-34170NN-N21C

Eaton PowerXL DH1 VFD,170A,125 HP,90 kW,380 - 480 Vac,NO KEYPAD,No EMC Filter,No DC Choke,No Brake Chopper,IP21

General specifications

Product Name	Catalog Number
Eaton PowerXL DH1 variable frequency drive	DH1-34170NN-N21C
	UPC
	786689048303
Product Length/Depth	Product Height
34.98 in	13.41 in
Product Width	Product Weight
11.34 in	154.32 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 C-Tick Compliant GoST-R
	Certifications
	UL 508C cUL Listed UL Listed IEC 61508 EN ISO 13849-1 EN 62061



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

None

Conformal coated boards

Yes

Low overload (VT) kW

90 kW

Low overload (VT) hp

125 HP

Low overload (VT) amps

170A

Amperage Rating

170A

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

None

User interface

None

Relay outputs

3

Power consumption

90 kW

Resources

Catalogs

[Adjustable Frequency Drives](#)

Specifications and datasheets

[Eaton Specification Sheet - DH1-34170NN-N21C](#)

Input voltage range

380 - 480 Vac

Horsepower

125 hp

Recommended fuse size

200A

Keypad

None

Input frequency range

50 - 60 Hz

Voltage rating

480 V



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