Product specifications

Eaton DH1-34087DN-C21C

Catalog Number: DH1-34087DN-C21C

Eaton PowerXL DH1 VFD,87A,60 HP,45 kW,380 - 480 Vac,KEYPAD,No EMC Filter,DC Choke,No Brake Chopper,IP21



General specifications

Product Name
Eaton PowerXL DH1 variable frequency drive

Catalog Number
DH1-34087DN-C21C

UPC
786678008035

Product Length/Depth
28 in

Product Height
16.5 in

Product Width
14.7 in

Product Weight
85 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
CE Marked
C-Tick Compliant
GoST-R
RoHS Compliant

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

Powering Business Worldwide

Product specifications

Max overload

110% for 1 minute

Modification

DC choke

Options

Without EMC filter

Rating

IP21

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

45 kW

Amperage Rating

87A

Communications onboard

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

Motor type

Induction

Electromagnetic compatibility filter

None

User interface

Graphical Keypad

Extended I/O card

BACnet MSTP/IP

Power consumption

55 kW

45 kW

Horsepower

60 hp

Voltage rating

480 V

Resources

Specifications and datasheets

Eaton Specification Sheet - DH1-34087DN-C21C

Communication

Modbus RTU/TCP

Communication interface

PROFIBUS-DP

Low overload (VT) hp

60 HP

Low overload (VT) amps

87A

Output frequency range

0 - 400 Hz

Series

DH1

Relay outputs

3

Input voltage range

380 - 480 Vac

Recommended fuse size

110A

Keypad

Included

Input frequency range

50 - 60 Hz

Display

LCD graphical

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