Product specifications

Eaton DH1-34046DN-C21C

Catalog Number: DH1-34046DN-C21C

Eaton PowerXL DH1 VFD,46A,30 HP,22 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
DH1-34046DN-C21C

UPC
786678008004

Product Length/Depth
8.06 in

Product Height
21.97 in

Product Width
10.44 in

Product Weight
49.82 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 GoST-R RoHS Compliant C-Tick Compliant

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

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

22 kW

Amperage Rating

46A

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

30 kW

22 kW

Horsepower

30 hp

Voltage rating

480 V

Resources

Catalogs

Adjustable Frequency Drives

Specifications and datasheets

Eaton Specification Sheet - DH1-34046DN-C21C

Communication

Modbus RTU/TCP

Communication interface

PROFIBUS-DP

Low overload (VT) hp

30 HP

Low overload (VT) amps

46A

Output frequency range

0 - 400 Hz

Series

DH1

Relay outputs

3

Input voltage range

380 - 480 Vac

Recommended fuse size

60A

Keypad

Included

Input frequency range

50 - 60 Hz

Display

LCD graphical

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