Product specifications

Eaton DH1-32048FN-C21C

Catalog Number: DH1-32048FN-C21C

Eaton PowerXL DH1 VFD,48A,15 HP,11 kW,200 - 240 Vac,KEYPAD,EMC Filter,DC Choke,No Brake Chopper,IP21

General specifications

Product Name
Eaton PowerXL DH1 variable frequency drive

Catalog Number
DH1-32048FN-C21C

UPC
786689044213

Product Length/Depth
21.97 in

Product Height
10.44 in

Product Width
8.06 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
C-Tick Compliant GoST-R CE Marked RoHS Compliant

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

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
Yes

Conformal coated boards
Yes

Low overload (VT) kW
11 kW

Low overload (VT) hp
15 HP

Low overload (VT) amps
48A

Amperage Rating
48A

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
EMC

User interface
Graphical Keypad

Relay outputs
3

Power consumption
11 kW

Resources

Catalogs
Adjustable Frequency Drives

Specifications and datasheets
Eaton Specification Sheet - DH1-32048FN-C21C

Input voltage range

200 - 240 Vac

Horsepower

15 hp

Recommended fuse size

60A

Keypad

Included

Input frequency range

50 - 60 Hz

Voltage rating

230 V

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