

# Eaton DH1-32011NN-C21C

Catalog Number: DH1-32011NN-C21C

Eaton PowerXL DH1 VFD,11A,3 HP,2.2 kW,200 - 240 Vac,KEYPAD,No EMC Filter,No DC Choke,No Brake Chopper,IP21

## General specifications

|                                                                                                                                                                                                                                    |                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Product Name</b>                                                                                                                                                                                                                | <b>Catalog Number</b>                                          |
| Eaton PowerXL DH1 variable frequency drive                                                                                                                                                                                         | DH1-32011NN-C21C                                               |
|                                                                                                                                                                                                                                    | <b>UPC</b>                                                     |
|                                                                                                                                                                                                                                    | 786689044930                                                   |
| <b>Product Length/Depth</b>                                                                                                                                                                                                        | <b>Product Height</b>                                          |
| 12.87 in                                                                                                                                                                                                                           | 7.91 in                                                        |
| <b>Product Width</b>                                                                                                                                                                                                               | <b>Product Weight</b>                                          |
| 6.02 in                                                                                                                                                                                                                            | 12.3 lb                                                        |
| <b>Warranty</b>                                                                                                                                                                                                                    | <b>Compliances</b>                                             |
| 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. | GoST-R CE Marked C-Tick Compliant RoHS Compliant               |
|                                                                                                                                                                                                                                    | <b>Certifications</b>                                          |
|                                                                                                                                                                                                                                    | UL 508C cUL Listed EN 62061 IEC 61508 UL Listed EN ISO 13849-1 |



## 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

2.2 kW

### Low overload (VT) hp

3 HP

### Low overload (VT) amps

11A

### Amperage Rating

11A

### 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

Graphical Keypad

### Relay outputs

3

### Power consumption

2.20 kW

## Resources

### Catalogs

[Adjustable Frequency Drives](#)

### Specifications and datasheets

[Eaton Specification Sheet - DH1-32011NN-C21C](#)

Input voltage range

200 - 240 Vac

Horsepower

3 hp

Recommended fuse size

15A

Keypad

Included

Input frequency range

50 - 60 Hz

Voltage rating

230 V



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