

Eaton DH1-34046DN-C54C

Catalog Number: DH1-34046DN-C54C

Eaton PowerXL DH1 VFD,46A,30 HP,22 kW,380 - 480 Vac,KEYPAD,No EMC Filter,DC Choke,No Brake Chopper,IP54



General specifications

Product Name	Catalog Number
Eaton PowerXL DH1 variable frequency drive	DH1-34046DN-C54C
	UPC
	786689047092
Product Length/Depth	Product Height
21.97 in	10.44 in
Product Width	Product Weight
8.06 in	49.82 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.	C-Tick Compliant
	CE Marked
	GoST-R
	RoHS Compliant
	Certifications
	UL 508C
	IEC 61508
	cUL Listed
	EN ISO 13849-1
	UL Listed
	EN 62061

defaultTaxonomyAttributeLabel

Amperage Rating

46A

Horsepower

30 hp

Voltage rating

480 V

Keypad

Included

Power consumption

22 kW

Series

DH1

Electromagnetic compatibility filter

None

Internal DC choke

Yes

Conformal coated boards

Yes

User interface

Graphical Keypad

Low overload (VT) amps

46A

Low overload (VT) kW

22 kW

Low overload (VT) hp

30 HP

Input voltage range

380 - 480 Vac

Input frequency range

50 - 60 Hz

Output frequency range

0 - 400 Hz

Max overload

110% for 1 minute

Recommended fuse size

Resources

Catalogs

[Adjustable Frequency Drives](#)

Specifications and datasheets

[Eaton Specification Sheet - DH1-34046DN-C54C](#)

Warranty guides

[Selling Policy 25-000 - Distribution and Control Products and Services](#)

60A

Relay outputs

3

Communications onboard

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

Communication interface

PROFIBUS-DP

Motor control modes

Frequency Control, Speed Control, Open Loop Speed Control,
Open Loop Torque Control

Motor type

Induction



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