

Eaton DH1-35080FN-C54C

Catalog Number: DH1-35080FN-C54C

Eaton PowerXL DH1 VFD,80A,75 HP,55 kW,525 - 600 Vac,KEYPAD,EMC Filter,DC Choke,No Brake Chopper,IP54



General specifications

Product Name	Catalog Number
Eaton PowerXL DH1 variable frequency drive	DH1-35080FN-C54C
	UPC
	786689049652
Product Length/Depth	Product Height
24.8 in	11.57 in
Product Width	Product Weight
9.36 in	77.61 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.	GoST-R
	RoHS Compliant
	CE Marked
	C-Tick Compliant
	Certifications
	UL 508C
	UL Listed
	IEC 61508
	cUL Listed
	EN 62061
	EN ISO 13849-1

defaultTaxonomyAttributeLabel

Amperage Rating

80A

Horsepower

75 hp

Voltage rating

575 V

Keypad

Included

Power consumption

55 kW

Series

DH1

Electromagnetic compatibility filter

EMC

Internal DC choke

Yes

Conformal coated boards

Yes

User interface

Graphical Keypad

Low overload (VT) amps

80A

Low overload (VT) kW

55 kW

Low overload (VT) hp

75 HP

Input voltage range

525 - 600 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 - DH1-35080FN-C54C](#)

100A

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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