

Eaton DH1-35010FB-C54C

Catalog Number: DH1-35010FB-C54C

Eaton PowerXL DH1 VFD,10A,7.5 HP,5.5 kW,525 - 600 Vac,KEYPAD,EMC Filter,DC Choke,Brake Chopper,IP54



General specifications

Product Name	Catalog Number
Eaton PowerXL DH1 variable frequency drive	DH1-35010FB-C54C
	UPC
	786689049478
Product Length/Depth	Product Height
12.87 in	7.91 in
Product Width	Product Weight
6.02 in	14.33 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 CE Marked C-Tick Compliant RoHS Compliant
	Certifications
	UL 508C UL Listed EN ISO 13849-1 cUL Listed EN 62061 IEC 61508

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

5.5 kW

Low overload (VT) hp

7.5 HP

Low overload (VT) amps

10A

Amperage Rating

10A

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

5.50 kW

Resources

Catalogs

[Adjustable Frequency Drives](#)

Specifications and datasheets

[Eaton Specification Sheet - DH1-35010FB-C54C](#)

Input voltage range

525 - 600 Vac

Horsepower

7.50 hp

Recommended fuse size

15A

Keypad

Included

Input frequency range

50 - 60 Hz

Voltage rating

575 V



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