

# Eaton DG1-344D3FB-C21C

Catalog Number: DG1-344D3FB-C21C

Eaton PowerXL DG1 variable frequency drive, 380-500V input 1.5 kW 2 Hp CT 3PH 50/60 Hz 4.3A output IP21/type 1 enclosure FR1 LCD display Internal EMC filter and DC choke EtherNet



Photo is representative

## General specifications

Product Name	Catalog Number
Eaton PowerXL DG1 variable frequency drive	DG1-344D3FB-C21C
	UPC 786685878843
Product Length/Depth 17.3 in	Product Height 12.7 in
Product Width 9 in	Product Weight 16 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 RoHS Compliant C-Tick Compliant CE Marked GoST-R
	Certifications UL 508C EN 61800-5-1 EN 62061 IEC 61508 EN ISO 13849-1 EN 61800-3 cUL Listed UL Listed

## General

### Frame size

1

### Number of slots

2 expansion slots

### Protection

Internal EMC filter, DC choke

## Communication

### Communication

EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU communication

## Resources

### Application notes

[PID controller](#)

[Load balancing in multi motor applications](#)

[Digital I/Os](#)

[Analog I/Os](#)

[Operating at low temperatures](#)

[Electromagnetic compatibility \(EMC\)](#)

[Dual Rating What exactly does that mean?](#)

[DG1 in pump and fan applications](#)

[Connecting drives to generator supplies](#)

[Motor data and V/f curves](#)

[Smoke Mode and fire mode](#)

[Torque control](#)

[Starting, stopping and operation](#)

[Real time clock and use of the timers](#)

### Catalogs

[Data sheet](#)

[Eaton's Volume 6—Solid-State Motor Control](#)

[Product Range Catalog Drives Engineering](#)

### Drawings

[DG1\\_FB\\_\(FR1-UL\) 3D Model Xchange](#)

[DG1\\_FB\\_\(FR1-UL\) AutoCAD 2D Footprint \(mm\)](#)

[DG1\\_FB\\_\(FR1-UL\) 2D Drawing Xchange](#)

[DG1\\_FB\\_\(FR1-UL\) 2D PDF](#)

[DG1\\_FB\\_\(FR1-UL\) AutoCAD 2D Footprint](#)

[DG1\\_FB\\_\(FR1-UL\) 3D Inventor](#)

### Installation instructions

[PowerXL DG1 Series VFD Application Manual](#)

[PowerXL DG1 Series VFD Installation Manual](#)

### Multimedia

[Power XL General Purpose Drives](#)

PowerXL DG1 Variable Frequency Drive - Setup via WebUI

Specifications and datasheets

Eaton Specification Sheet - DG1-344D3FB-C21C



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://Eaton.com/socialmedia)