

Eaton DG1-342D2FB-C21C

Catalog Number: DG1-342D2FB-C21C

Eaton PowerXL DG1 variable frequency drive, 208-240V input 0.75 kW 1 Hp CT 3PH 50/60 Hz 2.2A output IP21/type 1 FR1 LCD Internal EMC filter and DC choke EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU ports 2 exp slots Brake chopper



General specifications

Product Name	Catalog Number
Eaton PowerXL DG1 variable frequency drive	DG1-342D2FB-C21C
	UPC
	786685878829
Product Length/Depth	Product Height
17 in	13 in
Product Width	Product Weight
9 in	16 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 RoHS Compliant CE Marked GoST-R
	Certifications
	EN 61800-5-1 UL 508C EN ISO 13849-1 EN 62061 IEC 61508 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

[Load balancing in multi motor applications](#)

[Operating at low temperatures](#)

[DG1 in pump and fan applications](#)

[PID controller](#)

[Torque control](#)

[Smoke Mode and fire mode](#)

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

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

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

[Analog I/Os](#)

[Digital I/Os](#)

[Connecting drives to generator supplies](#)

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

[Starting, stopping and operation](#)

Catalogs

[Data sheet](#)

[Product Range Catalog Drives Engineering](#)

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

Drawings

[DG1_FB_\(FR1-UL\) 3D Model Xchange](#)

[DG1_FB_\(FR1-UL\) AutoCAD 2D Footprint](#)

[DG1_FB_\(FR1-UL\) 3D Inventor](#)

[DG1_FB_\(FR1-UL\) 2D PDF](#)

[DG1_FB_\(FR1-UL\) AutoCAD 2D Footprint \(mm\)](#)

[DG1_FB_\(FR1-UL\) 2D Drawing Xchange](#)

Installation instructions

[PowerXL DG1 Series VFD Installation Manual](#)

[PowerXL DG1 Series VFD Application Manual](#)

Multimedia

Power XL General Purpose Drives

PowerXL DG1 Variable Frequency Drive - Setup via WebUI

Specifications and datasheets

Eaton Specification Sheet - DG1-342D2FB-C21C



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