

Eaton DG1-34031FB-C21C

Catalog Number: DG1-34031FB-C21C

Eaton PowerXL DG1 variable frequency drive, 525-600V input 15 kW 20 Hp CT, 3PH, 50/60 Hz, 31A ,output IP21/type 1 enclosure, FR4, LCD display, Internal EMC filter and DC choke EtherNet, RS-485



Photo is representative

General specifications

Product Name	Catalog Number
Eaton PowerXL DG1 variable frequency drive	DG1-34031FB-C21C
	UPC
	786685878805
Product Length/Depth	Product Height
27 in	16.5 in
Product Width	Product Weight
12 in	54 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.	RoHS Compliant C-Tick Compliant CE Marked GoST-R
	Certifications
	EN 61800-5-1 UL 508C IEC 61508 EN ISO 13849-1 EN 62061 EN 61800-3 cUL Listed UL Listed

General

Frame size

4

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](#)

[Operating at low temperatures](#)

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

[Starting, stopping and operation](#)

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

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

[Analog I/Os](#)

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

[Load balancing in multi motor applications](#)

[Digital I/Os](#)

[Connecting drives to generator supplies](#)

[DG1 in pump and fan applications](#)

[Torque control](#)

[Smoke Mode and fire mode](#)

Catalogs

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

[Product Range Catalog Drives Engineering](#)

[Data sheet](#)

Drawings

[DG1_FB_\(FR3-UL\) 2D PDF](#)

[DG1_FB_\(FR3-UL\) 2D Drawing Xchange](#)

[DG1_FB_\(FR3-UL\) AutoCAD 2D Footprint](#)

[DG1_FB_\(FR3-UL\) 3D Inventor](#)

[DG1_FB_\(FR3-UL\) 3D Model Xchange](#)

[DG1_FB_\(FR3-UL\) AutoCAD 2D Footprint \(mm\)](#)

Installation instructions

[PowerXL DG1 Series VFD Installation Manual](#)

[PowerXL DG1 Series VFD Application Manual](#)

Multimedia

PowerXL DG1 Variable Frequency Drive - Setup via WebUI

Power XL General Purpose Drives

Specifications and datasheets

Eaton Specification Sheet - DG1-34031FB-C21C



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

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