

# Eaton DG1-34038FB-C21C

Catalog Number: DG1-34038FB-C21C

Eaton PowerXL DG1 variable frequency drive, 525-600V input 18 kW 25 Hp CT 3PH 50/60 Hz 38A output IP21/type 1 FR4 LCD Internal EMC filter and DC choke EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU ports 2 exp slots Brake chopper



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton PowerXL DG1 variable frequency drive	DG1-34038FB-C21C
	<b>UPC</b>
	786685878928
<b>Product Length/Depth</b>	<b>Product Height</b>
27.5 in	16 in
<b>Product Width</b>	<b>Product Weight</b>
11.5 in	51 lb
<b>Warranty</b>	<b>Compliances</b>
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
	<b>Certifications</b>
	EN 61800-5-1 UL 508C EN ISO 13849-1 IEC 61508 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

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

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

[Analog I/Os](#)

[Smoke Mode and fire mode](#)

[Torque control](#)

[Digital I/Os](#)

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

[DG1 in pump and fan applications](#)

[Load balancing in multi motor applications](#)

[Connecting drives to generator supplies](#)

[PID controller](#)

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

[Starting, stopping and operation](#)

[Operating at low temperatures](#)

### Catalogs

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

[Product Range Catalog Drives Engineering](#)

[Data sheet](#)

### Drawings

[DG1\\_FB\\_\(FR3-UL\) 2D Drawing Xchange](#)

[DG1\\_FB\\_\(FR3-UL\) 2D PDF](#)

[DG1\\_FB\\_\(FR3-UL\) 3D Inventor](#)

[DG1\\_FB\\_\(FR3-UL\) 3D Model Xchange](#)

[DG1\\_FB\\_\(FR3-UL\) AutoCAD 2D Footprint \(mm\)](#)

[DG1\\_FB\\_\(FR3-UL\) AutoCAD 2D Footprint](#)

### 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 - DG1-34038FB-C21C



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

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