

# Eaton DG1-34140FB-C21C

Catalog Number: DG1-34140FB-C21C

Eaton PowerXL DG1 variable frequency drive, IP21 480V FR5, N1 PowerXL AF drive, 208-240V input 75 kW 100 Hp CT 3PH 50/60 Hz 140A output IP21/type 1 enclosure FR6 LCD display Internal EMC filter and DC choke EtherNet



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton PowerXL DG1 variable frequency drive	DG1-34140FB-C21C
	<b>UPC</b>
	786685900650
<b>Product Length/Depth</b>	<b>Product Height</b>
43.5 in	14.5 in
<b>Product Width</b>	<b>Product Weight</b>
17 in	160 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.	GoST-R C-Tick Compliant CE Marked RoHS Compliant
	<b>Certifications</b>
	cUL Listed UL Listed UL 508C EN ISO 13849-1 EN 62061 IEC 61508

## General

### Frame size

6

### 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](#)

[Digital I/Os](#)

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

[Analog I/Os](#)

[Operating at low temperatures](#)

[Smoke Mode and fire mode](#)

[Torque control](#)

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

[Starting, stopping and operation](#)

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

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

[Connecting drives to generator supplies](#)

[PID controller](#)

[DG1 in pump and fan applications](#)

### Catalogs

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

[Product Datasheet - DG1-34140FB-C21C](#)

[Product Range Catalog Drives Engineering](#)

### 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 - DG1-34140FB-C21C](#)



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