

# Eaton DG1-32017FB-C21C

Catalog Number: DG1-32017FB-C21C

Eaton PowerXL DG1 variable frequency drive, 208-240V input 3.7 kW 5 Hp CT 3PH 50/60 Hz 17.5A output IP21/type 1 FR2 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



<b>Product Name</b>	<b>Catalog Number</b>
Eaton PowerXL DG1 variable frequency drive	DG1-32017FB-C21C
	<b>UPC</b>
	786685886060

<b>Product Length/Depth</b>	<b>Product Height</b>
21 in	15 in

<b>Product Width</b>	<b>Product Weight</b>
10 in	25 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.	C-Tick Compliant RoHS Compliant CE Marked GoST-R

<b>Certifications</b>
UL 508C UL Listed cUL Listed IEC 61508 EN 62061 EN ISO 13849-1

## General

### Frame size

2

### Number of slots

2 expansion slots

### Protection

Internal EMC filter, DC choke

### Type

Power XL

## Communication

### Communication

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

## Resources

### Application notes

DG1 in pump and fan applications

Analog I/Os

Load balancing in multi motor applications

Digital I/Os

PID controller

Connecting drives to generator supplies

Torque control

Smoke Mode and fire mode

Starting, stopping and operation

Dual Rating What exactly does that mean?

Real time clock and use of the timers

Motor data and V/f curves

Operating at low temperatures

Electromagnetic compatibility (EMC)

### Catalogs

Eaton's Volume 6—Solid-State Motor Control

Datasheet

Product Range Catalog Drives Engineering

### Drawings

DG1\_FB\_(FR2-UL) 2D Drawing Xchange

DG1\_FB\_(FR2-UL) AutoCAD 2D Footprint (mm)

DG1\_FB\_(FR2-UL) 3D Model Xchange

DG1\_FB\_(FR2-UL) AutoCAD 2D Footprint

DG1\_FB\_(FR2-UL) 3D Inventor

### Installation instructions

PowerXL DG1 Series VFD Application Manual

PowerXL DG1 Series VFD Installation Manual

### Multimedia

PowerXL DG1 Variable Frequency Drive - Setup via WebUI

Power XL General Purpose Drives

Specifications and datasheets

Eaton Specification Sheet - DG1-32017FB-C21C

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