

## Eaton PowerXL DG1 variable frequency drive

**DG1-34031FB-C21C**

**UPC:786685878805**

### Dimensions:

- **Height:** 16.5 IN
- **Length:** 27 IN
- **Width:** 12 IN

**Weight:**54 LB

### Warranties:

- 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.

### Specifications:

- **Brake Chopper:** Brake chopper
- **Display:** LCD (graphical) display
- **Input Voltage:** 575V, 525-600V(-15%, +10%)
- **Keypad:** Included
- **Output Current:** 31 A
- **Communication:** EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU communication
- **Enclosure:** IP21/type 1 enclosure
- **Frame Size:** FR4
- **Frequency Rating:** 50-60 Hz
- **Horsepower:** 20 hp
- **Input Output:** 400V (380V-500V)
- **Material:** Coated board
- **Number Of Slots:** (2) Expansion slots
- **Phase:** Three-phase in, three-phase out
- **Protection:** Internal EMC filter and DC choke
- **Series:** General purpose
- **Software:** Active Energy Control, Quick Start



Wizard

- **Torque Rating:** CT
- **Wattage:** 15 kW

**Supporting documents:**

- [Eaton's Volume 6-Solid-State Motor Control](#)
- [Data sheet](#)
- [DG1\\_FB\\_\(FR3-UL\) 2D PDF](#)
- [DG1\\_FB\\_\(FR3-UL\) 2D Drawing Xchange](#)
- [DG1\\_FB\\_\(FR3-UL\) 3D Inventor](#)
- [DG1\\_FB\\_\(FR3-UL\) AutoCAD 2D Footprint \(mm\)](#)
- [DG1\\_FB\\_\(FR3-UL\) AutoCAD 2D Footprint](#)
- [DG1\\_FB\\_\(FR3-UL\) 3D Model Xchange](#)
- [PowerXL DG1 Series VFD Installation Manual](#)
- [PowerXL DG1 Series VFD Application Manual](#)
- [Eaton Specification Sheet - DG1-34031FB-C21C](#)

**Certifications:**

- EN 61800-5-1
- UL 508C
- IEC 61508
- EN ISO 13849-1
- EN 62061
- EN 61800-3
- cUL Listed
- UL Listed

**Product compliance:**

- RoHS Compliant
- C-Tick Compliant
- CE Marked
- GoST-R