



Powering Business Worldwide

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## Eaton PowerXL DG1 AF Drive

DG1-32143FN-C21C

UPC:786685886145

### Dimensions:

- **Height:** 15 IN
- **Length:** 38.19 IN
- **Width:** 15 IN

**Weight:**141 LB

**Notes:**0

### 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:

- **Display:** LCD (graphical) display
- **Input Voltage:** 230V, 208-240V(-15%, +10%)
- **Keypad:** Included
- **Output Current:** 143A
- **Communication:** EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU communication
- **Enclosure:** IP21/type 1 enclosure
- **Frame Size:** FR5
- **Frequency Rating:** 50-60 Hz
- **Horsepower:** 50 Hp
- **Input Output:** 3 input/output
- **Material:** Coated board
- **Maximum Current:** 143/170A
- **Number Of Slots:** (2) Expansion slots
- **Phase:** Three-phase in, three-phase out
- **Protection:** Internal EMC filter and DC choke
- **Protection Filtering:** EMI, RFI Filter



- **Rating:** IP21
- **Series:** First generation
- **Software:** Active Energy Control, Quick Start Wizard
- **Torque Rating:** CT
- **Type:** Power XL
- **Voltage Rating:** 220/230V
- **Wattage:** 37 kW

**Supporting documents:**

- [Eatons Volume 6-Solid-State Motor Control](#)
- [Datasheet](#)
- [DG1\\_FN\\_\(FR5-UL\) 2D Drawing Xchange](#)
- [DG1\\_FN\\_\(FR5-UL\) 3D Model Xchange](#)
- [DG1\\_FN\\_\(FR5-UL\) 2D PDF](#)
- [DG1\\_FN\\_\(FR5-UL\) AutoCAD 2D Footprint](#)
- [DG1\\_FN\\_\(FR5-UL\) 3D Inventor](#)
- [DG1\\_FN\\_\(FR5-UL\) AutoCAD 2D Footprint \(mm\)](#)
- [PowerXL DG1 Series VFD Application Manual](#)
- [PowerXL DG1 Series VFD Installation Manual](#)
- [Eaton Specification Sheet - DG1-32143FN-C21C](#)

**Certifications:**

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

**Product compliance:**

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