# Specifications



Photo is representative





## Eaton DG1-34031FB-C54C

Eaton PowerXL DG1 variable frequency drive, 380-500V input 15 kW 20 Hp CT 3PH 50/60 Hz 31A output IP54/type 12 FR4 LCD display Internal EMC filter and DC choke EtherNet, RS-485

### General specifications

| | |
|---|---|
| **PRODUCT NAME** | Eaton PowerXL DG1 variable frequency drive |
| **CATALOG NUMBER** | DG1-34031FB-C54C |
| **UPC** | 786685887845 |
| **PRODUCT LENGTH/DEPTH** | 27 in |
| **PRODUCT HEIGHT** | 16 in |
| **PRODUCT WIDTH** | 12 in |
| **PRODUCT WEIGHT** | 53 lb |
| **WARRANTY** | 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. |
| **COMPLIANCES** | GoST-R<br>C-Tick Compliant<br>CE Marked<br>RoHS Compliant |
| **CERTIFICATIONS** | cUL Listed<br>UL Listed<br>UL 508C<br>EN ISO 13849-1<br>EN 62061<br>IEC 61508 |
| **PRODUCT TYPE** | Variable frequency drive |

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## Product specifications

| | |
|---|---|
| **BRAKE CHOPPER** | Brake chopper |
| **HORSEPOWER** | 20 hp |
| **PHASE** | Three-phase in, three-phase out |
| **FREQUENCY RATING** | 50-60 Hz |
| **FRAME SIZE** | 4 |
| **KEYPAD** | Included |
| **INPUT VOLTAGE** | 400 V, 380-500 V(-15%, +10%) |
| **DISPLAY** | LCD graphical |
| **TORQUE RATING** | CT |
| **COMMUNICATION** | EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU communication |
| **ENCLOSURE** | IP54/type 12 |
| **PROTECTION** | Internal EMC filter, DC choke |
| **OUTPUT CURRENT - MAX** | 31 A |
| **SOFTWARE** | Active energy control, quick start wizard |
| **NUMBER OF SLOTS** | 2 expansion slots |
| **MATERIAL** | Coated board |
| **POWER CONSUMPTION** | 15 kW |

## Resources

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|---|---|
| CATALOGS | eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf<br>Solid-State Motor Control, Variable Frequency Drives, Volume 6, Tab 2 |
| MULTIMEDIA | Power XL General Purpose Drives<br>PowerXL DG1 Variable Frequency Drive - Setup via WebUI |
| SPECIFICATIONS AND DATASHEETS | Eaton Specification Sheet - DG1-34031FB-C54C |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

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