

Eaton DG1-35144FB-C54C

Catalog Number: DG1-35144FB-C54C

Eaton PowerXL DG1 variable frequency drive, 525-600V input 110 kW 150 Hp CT 3PH 50/60 Hz 144A output IP54/type 12 FR6 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



Photo is representative

Product Name

Eaton PowerXL DG1 variable frequency drive

Catalog Number

DG1-35144FB-C54C

UPC

786676030632

Product Length/Depth

23 in

Product Height

21 in

Product Width

45 in

Product Weight

290 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
C-Tick Compliant
CE Marked
RoHS Compliant

Certifications

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

[Analog I/Os](#)

[PID controller](#)

[Smoke Mode and fire mode](#)

[Operating at low temperatures](#)

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

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

[Torque control](#)

[Connecting drives to generator supplies](#)

[Load balancing in multi motor applications](#)

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

[DG1 in pump and fan applications](#)

[Starting, stopping and operation](#)

[Digital I/Os](#)

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

Catalogs

[Product Datasheet - DG1-35144FB-C54C](#)

[Product Range Catalog Drives Engineering](#)

Multimedia

[Power XL General Purpose Drives](#)

[PowerXL DG1 Variable Frequency Drive - Setup via WebUI](#)

Specifications and datasheets

[Eaton Specification Sheet - DG1-35144FB-C54C](#)



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