

Eaton DG1-34245FN-C21C

Catalog number: DG1-34245FN-C21C

Eaton PowerXL DG1 series variable frequency drive, 380-500V input 150 kW 200 Hp CT 3PH 50/60 Hz 245A output IP21/type 1 enclosure FR6 LCD display Internal EMC filter and DC choke EtherNet, RS-485, BACnet MS/TP



General specifications

Product Name

Eaton PowerXL DG1 variable frequency drive

Catalog Number

DG1-34245FN-C21C

UPC

786680199769

Product Length/Depth

45 in

Product Height

21 in

Product Width

23.6 in

Product Weight

286 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

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Protection filtering

EMI and DC Choke

Phase

Three-phase in, three-phase out

Input voltage

400 V, 380-500 V(-15%, +10%)

Material

Coated board

Enclosure

IP21/type 1

Output current - max

245 A

Number of slots

2 expansion slots

Frame size

6

Power consumption

150 kW

Horsepower

200 hp

NEMA rating

NEMA 1

Frequency rating

50-60 Hz

Keypad

Included

Software

Active energy control, quick start wizard

Voltage rating

480 V

Torque rating

CT

Protection

Internal EMC filter, DC choke

Resources

Application notes

Operating at low temperatures

Electromagnetic compatibility (EMC)

DG1 in pump and fan applications

Real time clock and use of the timers

PID controller

Motor data and V/f curves

Torque control

Smoke Mode and fire mode

Digital I/Os

Dual Rating What exactly does that mean?

Starting, stopping and operation

Load balancing in multi motor applications

Connecting drives to generator supplies

Analog I/Os

Catalogs

Product Datasheet - DG1-34245FN-C21C

Product Range Catalog Drives Engineering

Specifications and datasheets

Eaton Specification Sheet - DG1-34245FN-C21C

Display

LCD graphical

Communication

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



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