Product specifications

Eaton DG1-35022FB-C21C

Catalog Number: DG1-35022FB-C21C

Eaton PowerXL DG1 variable frequency drive, 525-600V input 15 kW 20 Hp CT 3PH 50/60 Hz 22A output IP21/type 1 FR4 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

Product Name
Eaton PowerXL DG1 variable frequency drive

Catalog Number
DG1-35022FB-C21C

UPC
786685975191

Product Length/Depth
16.14 in

Product Height
27.36 in

Product Width
11.81 in

Product Weight
50.71 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
CE Marked
RoHS Compliant
C-Tick Compliant
GoST-R

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

Powering Business Worldwide

Product specifications

Protection filtering

Internal EMC filter and DC choke

Special features

Coated boards

Phase

Three-phase in, three-phase out

Input voltage

575 V, 525-600 V(-15%, +10%)

Material

Coated board

Enclosure

IP21/type 1

Output current - max

22 A

Number of slots

2 expansion slots

Frame size

4

Brake chopper

Brake chopper

Power consumption

15 kW

Horsepower

20 hp

Frequency rating

50-60 Hz

Keypad

Included

Software

Active energy control, quick start wizard

Torque rating

CT

Protection

Internal EMC filter, DC choke

Resources

Application notes

Starting, stopping and operation

Dual Rating What exactly does that mean?

PID controller

Operating at low temperatures

Smoke Mode and fire mode

Torque control

Digital I/Os

Real time clock and use of the timers

Load balancing in multi motor applications

Connecting drives to generator supplies

DG1 in pump and fan applications

Electromagnetic compatibility (EMC)

Motor data and V/f curves

Analog I/Os

Catalogs

Product Range Catalog Drives Engineering

Product Datasheet - DG1-35022FB-C21C

Specifications and datasheets

Eaton Specification Sheet - DG1-35022FB-C21C

Display

LCD graphical

Communication

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

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