

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	Catalog Number
Eaton PowerXL DG1 variable frequency drive	DG1-35022FB-C21C
	UPC
	786685975191

Product Length/Depth	Product Height
16.14 in	27.36 in

Product Width	Product Weight
11.81 in	50.71 lb

Warranty	Compliances
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.	CE Marked RoHS Compliant C-Tick Compliant GoST-R

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

defaultTaxonomyAttributeLabel

Brake chopper

Brake chopper

Horsepower

20 hp

Phase

Three-phase in, three-phase out

Protection filtering

Internal EMC filter and DC choke

Special features

Coated boards

Frequency rating

50-60 Hz

Frame size

4

Keypad

Included

Input voltage

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

Display

LCD graphical

Torque rating

CT

Communication

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

Enclosure

IP21/type 1

Protection

Internal EMC filter, DC choke

Output current - max

22 A

Software

Active energy control, quick start wizard

Number of slots

2 expansion slots

Resources

Application notes

[Operating at low temperatures](#)

[Torque control](#)

[Smoke Mode and fire mode](#)

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

[Load balancing in multi motor applications](#)

[Analog I/Os](#)

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

[PID controller](#)

[DG1 in pump and fan applications](#)

[Connecting drives to generator supplies](#)

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

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

[Starting, stopping and operation](#)

[Digital I/Os](#)

Catalogs

[Product Datasheet - DG1-35022FB-C21C](#)

[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 - DG1-35022FB-C21C](#)

Material

Coated board

Power consumption

15 kW



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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