

Eaton DG1-32061FN-C21C

Catalog Number: DG1-32061FN-C21C

Eaton PowerXL DG1 variable frequency drive, 208-240V input 15 kW 20 Hp CT 3PH 50/60 Hz 61A output IP21/type 1 enclosure FR4 LCD Internal EMC filter and DC choke EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU ports 2 exp slots



General specifications

Product Name	Catalog Number
Eaton PowerXL DG1 variable frequency drive	DG1-32061FN-C21C
	UPC
	786685886107
Product Length/Depth	Product Height
28 in	17 in
Product Width	Product Weight
15 in	80 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.	RoHS Compliant C-Tick Compliant CE Marked GoST-R
	Certifications
	UL 508C UL Listed cUL Listed IEC 61508 EN 62061 EN ISO 13849-1

defaultTaxonomyAttributeLabel

Horsepower

20 hp

Phase

Three-phase in, three-phase out

Protection filtering

EMI, RFI Filter

Special features

Coated board

Type

Power XL

Frequency rating

50-60 Hz

Frame size

4

Keypad

Included

Input voltage

230 V, 208-240 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

Input output

3 inputs, 3 outputs

Maximum Current

61/75 A

Rating

IP21

Protection

Internal EMC filter, DC choke

Resources

Application notes

Analog I/Os

PID controller

Operating at low temperatures

Motor data and V/f curves

Digital I/Os

Starting, stopping and operation

Dual Rating What exactly does that mean?

Connecting drives to generator supplies

DG1 in pump and fan applications

Real time clock and use of the timers

Smoke Mode and fire mode

Torque control

Electromagnetic compatibility (EMC)

Load balancing in multi motor applications

Catalogs

Eaton's Volume 6—Solid-State Motor Control

Product Range Catalog Drives Engineering

Datasheet

Drawings

DG1_FN_(FR4-UL) 3D Inventor

DG1_FN_(FR4-UL) 2D Drawing Xchange

DG1_FN_(FR4-UL) 2D PDF

DG1_FN_(FR4-UL) AutoCAD 2D Footprint

DG1_FN_(FR4-UL) 3D Model Xchange

DG1_FN_(FR4-UL) AutoCAD 2D Footprint (mm)

Installation instructions

PowerXL DG1 Series VFD Application Manual

PowerXL DG1 Series VFD Installation Manual

Multimedia

PowerXL DG1 Variable Frequency Drive - Setup via WebUI

Power XL General Purpose Drives

Specifications and datasheets

Eaton Specification Sheet - DG1-32061FN-C21C

Output current - max

61 A

Software

Active energy control, quick start wizard

Number of slots

2 expansion slots

Material

Coated board

Power consumption

15 kW



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