

# Especificaciones



## Eaton DG1-34072FB-C21C

Eaton PowerXL DG1 variable frequency drive, 380-500V input 37 kW, 50 Hp CT, 3PH, 50/60 Hz, 72A, output IP21/type 1 enclosure FR5 LCD display Internal EMC filter and DC choke EtherNet

La foto es representativa



### General specifications

<b>PRODUCT NAME</b>	Eaton PowerXL DG1 variable frequency drive
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<b>CATALOG NUMBER</b>	DG1-34072FB-C21C
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<b>UPC</b>	786685887739
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<b>PRODUCT LENGTH/DEPTH</b>	28 in
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<b>PRODUCT HEIGHT</b>	16.8 in
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<b>PRODUCT WIDTH</b>	14.7 in
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<b>PRODUCT WEIGHT</b>	80 lb
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<b>COMPLIANCES</b>	GoST-R C-Tick Compliant CE Marked RoHS Compliant
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<b>CERTIFICATIONS</b>	cUL Listed UL Listed UL 508C EN ISO 13849-1 EN 62061 IEC 61508
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## Especificaciones del producto

<b>BRAKE CHOPPER</b>	Brake chopper
<b>HORSEPOWER</b>	50 hp
<b>PHASE</b>	Three-phase in, three-phase out
<b>FREQUENCY RATING</b>	50-60 Hz
<b>FRAME SIZE</b>	5
<b>KEYPAD</b>	Included
<b>INPUT VOLTAGE</b>	400 V, 380-500 V(-15%, +10%)
<b>DISPLAY</b>	LCD graphical
<b>TORQUE RATING</b>	CT
<b>COMMUNICATION</b>	EtherNet, RS-485, BACnet MS/TP, Modbus TCP and RTU communication
<b>ENCLOSURE</b>	IP21/type 1
<b>PROTECTION</b>	Internal EMC filter, DC choke
<b>OUTPUT CURRENT - MAX</b>	72 A
<b>SOFTWARE</b>	Active energy control, quick start wizard
<b>NUMBER OF SLOTS</b>	2 expansion slots
<b>MATERIAL</b>	Coated board
<b>POWER CONSUMPTION</b>	37 kW
<b>ELECTROMAGNETIC COMPATIBILITY FILTER</b>	EMC Filter
<b>INTERNAL DC CHOKE</b>	Yes
<b>CONFORMAL COATED BOARDS</b>	Yes
<b>USER INTERFACE</b>	Graphical Keypad
<b>HIGH OVERLOAD (CT) AMPS</b>	72 A
<b>HIGH OVERLOAD (CT) KW</b>	37 kW
<b>HIGH OVERLOAD (CT) HP</b>	50 hp
<b>LOW OVERLOAD (VT) AMPS</b>	87 A
<b>LOW OVERLOAD (VT) KW</b>	45 kW
<b>LOW OVERLOAD (VT) HP</b>	60 hp
<b>INPUT VOLTAGE RANGE</b>	380 - 500 V
<b>INPUT FREQUENCY RANGE</b>	50 - 60 Hz
<b>OUTPUT FREQUENCY RANGE</b>	0 - 400 Hz
<b>MAX OVERLOAD</b>	110% for 1 minute

## Recursos

### GUÍAS DE ESPECIFICACIONES DE PRODUCTO

[Eaton Specification Sheet - DG1-34072FB-C21C](#)

<b>RECOMMENDED FUSE SIZE</b>	110
<b>COMMUNICATIONS ONBOARD</b>	EtherNet/IP, Modbus TCP, RS-485: Modbus RTU, BACnet MS/TP
<b>MOTOR CONTROL MODES</b>	Frequency, Speed, Open-loop speed, Open-loop torque
<b>MOTOR TYPE</b>	Inductio, PM (IPM & SPM)

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**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**FECHA:**

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