

Especificaciones



Eaton DG1-34023FB-C21C

Eaton PowerXL DG1 variable frequency drive, 380-500V input 11 kW 15 Hp CT 3PH 50/60 Hz 23A output IP21/type 1 FR3 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

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| PRODUCT NAME | Eaton PowerXL DG1 variable frequency drive |
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| CATALOG NUMBER | DG1-34023FB-C21C |
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| UPC | 786685878768 |
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| PRODUCT LENGTH/DEPTH | 21 in |
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| PRODUCT HEIGHT | 14 in |
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| PRODUCT WIDTH | 10 in |
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| PRODUCT WEIGHT | 26.2 lb |
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| COMPLIANCES | C-Tick Compliant RoHS Compliant CE Marked GoST-R |
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| CERTIFICATIONS | UL 508C EN 61800-5-1 IEC 61508 EN 62061 EN ISO 13849-1 EN 61800-3 cUL Listed UL Listed |
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Powering Business Worldwide

Especificaciones del producto

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|---|--|
| BRAKE CHOPPER | Brake chopper |
| HORSEPOWER | 15 hp |
| PHASE | Three-phase in, three-phase out |
| FREQUENCY RATING | 50-60 Hz |
| FRAME SIZE | 3 |
| KEYPAD | Included |
| INPUT VOLTAGE | 400 V, 380-500 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 | 400 Vac (380-500 Vac) |
| PROTECTION | Internal EMC filter, DC choke |
| OUTPUT CURRENT - MAX | 23 A |
| SOFTWARE | Active energy control, quick start wizard |
| NUMBER OF SLOTS | 2 expansion slots |
| MATERIAL | Coated board |
| POWER CONSUMPTION | 11 kW |
| ELECTROMAGNETIC COMPATIBILITY FILTER | EMC Filter |
| INTERNAL DC CHOKE | Yes |
| CONFORMAL COATED BOARDS | Yes |
| USER INTERFACE | Graphical Keypad |
| HIGH OVERLOAD (CT) AMPS | 23 A |
| HIGH OVERLOAD (CT) KW | 11 kW |
| HIGH OVERLOAD (CT) HP | 15 hp |
| LOW OVERLOAD (VT) AMPS | 31 A |
| LOW OVERLOAD (VT) KW | 15 kW |
| LOW OVERLOAD (VT) HP | 20 hp |
| INPUT VOLTAGE RANGE | 380 - 500 V |
| INPUT FREQUENCY RANGE | 50 - 60 Hz |
| OUTPUT FREQUENCY RANGE | 0 - 400 Hz |

Recursos

GUÍAS DE ESPECIFICACIONES DE PRODUCTO

[Eaton Specification Sheet - DG1-34023FB-C21C](#)

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|-------------------------------|---|
| MAX OVERLOAD | 110% for 1 minute |
| RECOMMENDED FUSE SIZE | 35 |
| COMMUNICATIONS ONBOARD | EtherNet/IP, Modbus TCP, RS-485: Modbus RTU, BACnet MS/TP |
| MOTOR CONTROL MODES | Frequency, Speed, Open-loop speed, Open-loop torque |
| MOTOR TYPE | Inductio, PM (IPM & SPM) |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

FECHA:



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