

Especificaciones



Eaton DG1-34038FB-C21C

Eaton PowerXL DG1 variable frequency drive, 525-600V input 18 kW 25 Hp CT 3PH 50/60 Hz 38A 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

La foto es representativa



General specifications

PRODUCT NAME	Eaton PowerXL DG1 variable frequency drive
CATALOG NUMBER	DG1-34038FB-C21C
UPC	786685878928
PRODUCT LENGTH/DEPTH	27.5 in
PRODUCT HEIGHT	16 in
PRODUCT WIDTH	11.5 in
PRODUCT WEIGHT	51 lb
COMPLIANCES	RoHS Compliant C-Tick Compliant CE Marked GoST-R
CERTIFICATIONS	EN 61800-5-1 UL 508C EN ISO 13849-1 IEC 61508 EN 62061 EN 61800-3 cUL Listed UL Listed

Especificaciones del producto

BRAKE CHOPPER	Brake chopper
HORSEPOWER	25 hp
PHASE	Three-phase in, three-phase out
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
INPUT OUTPUT	400 Vac (380-500 Vac)
PROTECTION	Internal EMC filter, DC choke
OUTPUT CURRENT - MAX	38 A
SOFTWARE	Active energy control, quick start wizard
NUMBER OF SLOTS	2 expansion slots
MATERIAL	Coated board
POWER CONSUMPTION	18 kW
ELECTROMAGNETIC COMPATIBILITY FILTER	EMC Filter
INTERNAL DC CHOKE	Yes
CONFORMAL COATED BOARDS	Yes
USER INTERFACE	Graphical Keypad
HIGH OVERLOAD (CT) AMPS	38 A
HIGH OVERLOAD (CT) KW	18.5 kW
HIGH OVERLOAD (CT) HP	25 hp
LOW OVERLOAD (VT) AMPS	46 A
LOW OVERLOAD (VT) KW	22 kW
LOW OVERLOAD (VT) HP	30 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 - DG1-34038FB-C21C](#)

MAX OVERLOAD	110% for 1 minute
RECOMMENDED FUSE SIZE	60
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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