Specifications



Photo is representative





Eaton DG1-349D0FB-C21C

Eaton PowerXL Series DG1 Drive, 480V FR1 , N1, 7.5HP (12A) VT W/ BC.

General specifications

PRODUCT NAME	Eaton PowerXL DG1 variable frequency drive
CATALOG NUMBER	DG1-349D0FB-C21C
UPC	786685878782
PRODUCT LENGTH/DEPTH	28 in
PRODUCT HEIGHT	16.8 in
PRODUCT WIDTH	14.7 in
PRODUCT WEIGHT	17 lb
COMPLIANCES	Contact Manufacturer
CERTIFICATIONS	Contact Manufacturer
PRODUCT TYPE	Variable frequency drive

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Product specifications

HORSEPOWER	7.50 hp
FRAME SIZE	1
ELECTROMAGNETIC COMPATIBILITY FILTER	EMC Filter
INTERNAL DC CHOKE	Yes
CONFORMAL COATED BOARDS	Yes
USER INTERFACE	Graphical Keypad
HIGH OVERLOAD (CT) AMPS	9 A
HIGH OVERLOAD (CT) KW	4 kW
HIGH OVERLOAD (CT) HP	5.6 hp
LOW OVERLOAD (VT) AMPS	12 A
LOW OVERLOAD (VT) KW	5.5 kW
LOW OVERLOAD (VT) HP	7.5 hp
INPUT VOLTAGE RANGE	380 - 500 V
INPUT FREQUENCY RANGE	50 - 60 Hz
OUTPUT FREQUENCY RANGE	0 - 400 Hz
MAX OVERLOAD	110% for 1 minute
RECOMMENDED FUSE SIZE	15
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)

Resources

CATALOGS	eaton-drives-soft-starter-catalog-ca04020001zen-us.pdf Solid-State Motor Control, Variable Frequency Drives, Volume 6, Tab 2
MULTIMEDIA	Power XL General Purpose Drives PowerXL DG1 Variable Frequency Drive - Setup via WebUI
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - DG1-349D0FB-C21C

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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