Specifications

Photo is representative

Eaton DM1-347D6EB-N20B

Eaton PowerXL DM1 series micro drive, Three-phase, 400 V, 7.6 A, Internal EMC filter, Internal brake chopper, IP20, No ST0 and no ethernet communications

General specifications	
PRODUCT NAME	Eaton PowerXL DM1 micro variable frequency drive
CATALOG NUMBER	DM1-347D6EB-N20B
UPC	786689349776
PRODUCT LENGTH/DEPTH	7.09 in
PRODUCT HEIGHT	8.66 in
PRODUCT WIDTH	4.29 in
PRODUCT WEIGHT	5.8 lb
CERTIFICATIONS	UL Listed

Powering Business Worldwide

Product specifications

BRAKE CHOPPER	Internal brake chopper
SERIES	DM1
DRIVE TYPE	General purpose
FRAME SIZE	FR2
ENCLOSURE RATING	IP00
INPUT PHASES	Three-phase
OUTPUT PHASES	Three-phase
ELECTROMAGNETIC COMPATIBILITY FILTER	Yes
INTERNAL CHOKE	No
INTERNAL LINE REACTOR	No
AMBIENT OPERATING TEMPERATURE RANGE	• -10 to 50 °C CT • -10 to 40 °C VT
CONFORMAL COATED BOARDS	Yes
USER INTERFACE	None
INPUT VOLTAGE RANGE	380-480 Vac
INPUT FREQUENCY RANGE	50-60 Hz
OUTPUT FREQUENCY RANGE	0-400 Hz
MAX OVERLOAD	200 %
FUSE SIZE - MAX	30
MOUNTING TYPE	DIN rail Panel mount
DIGITAL INPUTS	4
ANALOG INPUTS	1
RELAY OUTPUTS	2
DIGITAL OUTPUTS	0
HIGH OVERLOAD (CT) HP	5
HIGH OVERLOAD (CT) KW	3
LOW OVERLOAD (VT) KW	5.5
LOW OVERLOAD (VT) AMPS	12
HIGH OVERLOAD (CT) AMPS	7.6
LOW OVERLOAD (VT) HP	7.5
COMMUNICATIONS ONBOARD	Modbus RTU Bluetooth
MOTOR CONTROL MODES	V/Hz Open loop vector control

Resources

SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - DM1-347D6EB-N20B

MOTOR TYPE	Induction Induction motor Permanent magnet motor (SPM/IPM)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:

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