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Eaton DM1-32048NB-N20B-EM

Eaton PowerXL DM1 series micro drive, Three-phase, 230 V, 48 A, Internal brake chopper, IP20, No ST0 and no ethernet communications, EMEA region

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PRODUCT NAME	Eaton PowerXL DM1 micro variable frequency drive
CATALOG NUMBER	DM1-32048NB-N20B-EM
UPC	786689350260
PRODUCT LENGTH/DEPTH	7.68 in
PRODUCT HEIGHT	11.81 in
PRODUCT WIDTH	7.24 in
PRODUCT WEIGHT	13.9 lb
CERTIFICATIONS	UL Listed

BRAKE CHOPPER Internal brake chopper

SERIES DM1

DRIVE TYPE General purpose

FRAME SIZE FR4

ENCLOSURE RATING IP00

INPUT PHASES Three-phase

OUTPUT PHASES Three-phase

**ELECTROMAGNETIC
COMPATIBILITY FILTER** No

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 200-240 Vac

**INPUT FREQUENCY
RANGE** 50-60 Hz

**OUTPUT FREQUENCY
RANGE** 0-400 Hz

MAX OVERLOAD 200 %

FUSE SIZE - MAX 125

MOUNTING TYPE Panel mount

DIGITAL INPUTS 4

ANALOG INPUTS 1

RELAY OUTPUTS 2

DIGITAL OUTPUTS 0

HIGH OVERLOAD (CT) HP 15

HIGH OVERLOAD (CT) KW 11

LOW OVERLOAD (VT) KW 15

**LOW OVERLOAD (VT)
AMPS** 62.1

**HIGH OVERLOAD (CT)
AMPS** 48

LOW OVERLOAD (VT) HP 20

**COMMUNICATIONS
ONBOARD** Modbus RTU
Bluetooth

**MOTOR CONTROL
MODES** V/Hz
Open loop vector control

MOTOR TYPE Induction
Induction motor
Permanent magnet motor

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