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Eaton DM1-34023EB-S20S-EM

Eaton PowerXL DM1 series micro drive, Three-phase, 400 V, 23 A, Internal EMC filter, Internal brake chopper, Multi segment LCD display, IP20, ST0 SIL2 and ethernet I/P, Modbus TCP onboard, EMEA region

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PRODUCT NAME	Eaton PowerXL DM1 micro variable frequency drive
CATALOG NUMBER	DM1-34023EB-S20S-EM
UPC	786689349424
PRODUCT LENGTH/DEPTH	7.05 in
PRODUCT HEIGHT	10.24 in
PRODUCT WIDTH	5.12 in
PRODUCT WEIGHT	8.2 lb
CERTIFICATIONS	UL Listed

BRAKE CHOPPER	Internal brake chopper
SERIES	DM1
DRIVE TYPE	General purpose
FRAME SIZE	FR3
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	Multi-segment
INPUT VOLTAGE RANGE	380-480 Vac
INPUT FREQUENCY RANGE	50-60 Hz
OUTPUT FREQUENCY RANGE	0-400 Hz
MAX OVERLOAD	200 %
FUSE SIZE - MAX	70
MOUNTING TYPE	DIN rail 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	31
HIGH OVERLOAD (CT) AMPS	23
LOW OVERLOAD (VT) HP	20
COMMUNICATIONS ONBOARD	Modbus RTU Modbus TCP Ethernet/IP BACnet IP BACnet MS/TP Bluetooth
COMMUNICATIONS	CANopen

OPTIONAL	PROFIBUS SmartWireDT
MOTOR CONTROL MODES	V/Hz Open loop vector control
MOTOR TYPE	Induction Induction motor Permanent magnet motor (SPM/IPM)
