BX-DM1E-M Cut Sheet

BRX Do-more PLC, 120-240 VAC required, Ethernet and serial ports, microSD card slot, no on-board I/O.

For complete product information, please see this item on our store at the following link:

https://www.automationdirect.com/pn/BX-DM1E-M

Technical Specifications

Brand	BRX Do-more
Item	PLC
Total Memory	192k words
Ladder Memory	64k words
User Data Memory	128k words
Removable Media Type	MicroSD card slot
Programming Language	Ladder
Programming Software	Do-more Designer programming software v2.0 or later
Communication Port and Connection Type(s)	• (1) Ethernet 10/100Base-T (RJ45) • (1) RS-232/RS-485 (3-pin terminal)
Port Protocol(s)	• MQTT Client • MQTTs Client • FTP Client • Do-more protocol • Modbus RTU Master/Slave • Modbus TCP • TCP/IP • EtherNet/IP explicit messaging scanner/adapter • EtherNet/IP implicit messaging scanner/adapter • Ethernet remote I/O • K-sequence Slave • webserver (non-secure HTTP) • programming and monitoring

Port Speed(s)	• 10/100 Mbps • up to 115.2k baud
Real Time Clock/Calendar	Yes
Retentive Memory	Yes
Battery Backup	Yes
Maximum Expansion Modules Allowed	8
External Power Requirement	120-240 VAC
Maximum Number of PID Loops	100+ (configurable to memory limit)
Includes	BX-RTB03S and BX-RTB05 terminal blocks and D0-MC-BAT battery
Dangerous Goods	• Battery Installed: Yes • Packaging Instructions: 970 • UN Number: UN3091 • Hazard Type: Lithium Batteries • Battery Type: Button • Lithium Content: 0.07 • Replacement Battery: D0-MC-BAT • Generic Battery: CR2032

Agency Approvals

UL Listed File #	E185989
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/BX-DM1E-M.pdf
See store item page for other formats.