

# BX-DM1E-M-D Cut Sheet



BRX Do-more PLC, 12-24 VDC 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-D>

## Technical Specifications

<b>Brand</b>	BRX Do-more
<b>Item</b>	PLC
<b>Total Memory</b>	192k words
<b>Ladder Memory</b>	64k words
<b>User Data Memory</b>	128k words
<b>Removable Media Type</b>	MicroSD card slot
<b>Programming Language</b>	Ladder
<b>Programming Software</b>	Do-more Designer programming software v2.0 or later
<b>Communication Port and Connection Type(s)</b>	<ul style="list-style-type: none"><li>• (1) Ethernet 10/100Base-T (RJ45)</li><li>• (1) RS-232/RS-485 (3-pin terminal)</li></ul>
<b>Port Protocol(s)</b>	<ul style="list-style-type: none"><li>• MQTT Client</li><li>• MQTTs Client</li><li>• FTP Client</li><li>• Do-more protocol</li><li>• Modbus RTU Master/Slave</li><li>• Modbus TCP</li><li>• TCP/IP</li><li>• EtherNet/IP explicit messaging scanner/adaptor</li><li>• EtherNet/IP implicit messaging scanner/adaptor</li><li>• Ethernet remote I/O</li><li>• K-sequence Slave</li><li>• webserver (non-secure HTTP)</li><li>• programming and monitoring</li></ul>

<b>Port Speed(s)</b>	<ul style="list-style-type: none"><li>• 10/100 Mbps</li><li>• up to 115.2k baud</li></ul>
<b>Real Time Clock/Calendar</b>	Yes
<b>Retentive Memory</b>	Yes
<b>Battery Backup</b>	Yes
<b>Maximum Expansion Modules Allowed</b>	8
<b>External Power Requirement</b>	12-24 VDC
<b>Maximum Number of PID Loops</b>	100+ (configurable to memory limit)
<b>Includes</b>	BX-RTB03S and BX-RTB05 terminal blocks and D0-MC-BAT battery
<b>Dangerous Goods</b>	<ul style="list-style-type: none"><li>• Battery Installed: Yes</li><li>• Packaging Instructions: 970</li><li>• UN Number: UN3091</li><li>• Hazard Type: Lithium Batteries</li><li>• Battery Type: Button</li><li>• Lithium Content: 0.07</li><li>• Replacement Battery: D0-MC-BAT</li><li>• Generic Battery: CR2032</li></ul>

## Agency Approvals

<b>UL Listed File #</b>	E185989
<b>UL Recognized File #</b>	None
<b>UL Hazardous File #</b>	None
<b>CE</b>	<a href="#">View CE declarations</a>
<b>CSA File #</b>	None
<b>RoHS Status</b>	Yes (See CE Doc)
<b>EU REACH</b>	<a href="#">View EU REACH document</a>

## Dimensional Drawings



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