

BX-DM1E-36AR3 Cut Sheet



BRX Do-more PLC, 120-240 VAC required, Ethernet and serial ports, battery backup, microSD card slot, Discrete Input: 20-point, AC, Analog Input: 4-channel, current/voltage, Discrete Output: 16-point, relay, Analog Output: 2-channel, current/voltage.

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



<https://www.automationdirect.com/pn/BX-DM1E-36AR3>

Technical Specifications

Brand	BRX Do-more	Number of Isolated Discrete Input Commons	5
Item	PLC	Number of Points per Discrete Input Common	4
Total Memory	192k words	Number of Discrete Output Points	16
Ladder Memory	64k words	Nominal Output Voltage	12-48 VDC/24-240 VAC
User Data Memory	128k words	Discrete Output Type	Relay
Removable Media Type	MicroSD card slot	Relay Configuration	(16) Form A (SPST) relays
Programming Language	Ladder	Load Current	2A/point
Programming Software	Do-more Designer programming software v2.0 or later	Number of Isolated Discrete Output Commons	4
Communication Port and Connection Type(s)	<ul style="list-style-type: none"> (1) Ethernet 10/100Base-T (RJ45) (1) RS-232/RS-485 (3-pin terminal) 	Number of Points per Discrete Output Common	4
Port Protocol(s)	<ul style="list-style-type: none"> MQTT Client MQTTs Client FTP Client Do-more protocol Modbus RTU Master/Slave Modbus TCP TCP/IP EtherNet/IP explicit messaging scanner/adaptor EtherNet/IP implicit messaging scanner/adaptor Ethernet remote I/O K-sequence Slave webserver (non-secure HTTP) programming and monitoring 	Number of Analog Input Channels	4
Port Speed(s)	<ul style="list-style-type: none"> 10/100 Mbps up to 115.2k baud 	Analog Input Signal Type	Current/voltage
Real Time Clock/Calendar	Yes	Number of Non-Isolated Analog Input Commons	1
Retentive Memory	Yes	Number of Points per Analog Input Common	4
Battery Backup	Yes	Input Resolution	16-bit
Maximum Expansion Modules Allowed	8	Input Current Signal Range	4-20 mA and +/- 20 mA
External Power Requirement	120-240 VAC	Input Voltage Signal Range	0-5 VDC, 0-10 VDC, +/- 5 VDC and +/- 10 VDC
Number of Discrete Input Points	20	Number of Analog Output Channels	2
Nominal Input Voltage	120-240 VAC	Analog Output Signal Type	Current/voltage
Voltage Type	AC	Number of Non-Isolated Analog Output Commons	3
		Number of Points per Analog Output Common	2
		Output Resolution	16-bit
		Output Current Signal Range	4-20 mA and +/- 20 mA
		Output Voltage Signal Range	0-5 VDC, 0-10 VDC, +/- 5 VDC and +/- 10 VDC
		Maximum Number of PID Loops	100+ (configurable to memory limit)

BX-DM1E-36AR3 Cut Sheet

Includes	BX-RTB03S terminal block and D0-MC-BAT battery
Requires	BX-RTB36 or BX-RTB36-1 terminal block kit or ZIPLink pre-wired cables
Dangerous Goods	<ul style="list-style-type: none">• 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-36AR3.pdf>
See store item page for other formats.