BX-DM1-36AR Cut Sheet

BRX Do-more PLC, 120-240 VAC required, serial port, microSD card slot, Discrete Input: 20-point, AC, Discrete Output: 16-point, relay.

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

https://www.automationdirect.com/pn/BX-DM1-36AR

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) RS-232/RS-485 (3-pin terminal)
Port Protocol(s)	• Do-more protocol • Modbus RTU Master/Slave • ASCII In/out • K-sequence Slave • programming and monitoring
Port Speed(s)	up to 115.2k baud
Real Time Clock/Calendar	Yes
Retentive Memory	Yes
Battery Backup	Yes
Maximum Expansion Modules Allowed	4
External Power Requirement	120-240 VAC
Number of Discrete Input Points	20
Nominal Input Voltage	120-240 VAC
Voltage Type	AC
Number of Isolated Discrete Input Commons	5
Number of Points per Discrete Input Common	4
Number of Discrete Output Points	16
Nominal Output Voltage	12-48 VDC/24-240 VAC
Discrete Output Type	Relay

Relay Configuration	(16) Form A (SPST) relays
Load Current	2A/point
Number of Isolated Discrete Output Commons	4
Number of Points per Discrete Output Common	4
Maximum Number of PID Loops	100+ (configurable to memory limit)
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	• 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

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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