Do-more! BRX Hardware Manual

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Manual Number:	BX-USER-M
Issue:	4th Edition, Rev. O
Issue Date:	10/2024

Publication History		
Issue	**Date**	**Description of Changes**
1st Edition	02/2017	Original
1st Edition, Rev A	03/2017	Made minor corrections throughout the manual.
2nd Edition	09/2017	Added Analog I/O Expansion Modules. Updated BX-P-ECOMLT specifications. Made minor corrections throughout the manual.
3rd Edition	05/2018	Added Analog I/O Expansion Modules , Discrete I/O Expansion Modules and Remote I/O Controllers. Reformatted manual page size. Made minor corrections throughout the manual.
3rd Edition, Rev A	10/2018	Corrected nominal input voltages. Updated EU Directives. Other minor corrections.
4th Edition	03/2019	Added HSIO and SERIO specialty modules. Expanded Motion Control, Serial and Ethernet Communications chapters Moved Do-more! Designer software chapter to separate Getting Started Guide. Corrected discrete I/O switching frequencies. Other minor corrections.
4th Edition, Rev A	06/2019	Added 16-pt and Combination Input/Output Analog I/O Expansion Modules. Other minor corrections.
4th Edition, Rev B	09/2019	Clarified need to test 'Data Not Valid' flag prior to reading to or writing from analog modules.
4th Edition, Rev C	03/2020	Added new analog expansion modules, serial expansion modules, padding module, and serial POMs. Error correction in Modbus registry tables.
4th Edition, Rev D	06/2020	Modified RS-232 wiring example on page 12-10.
4th Edition, Rev E	12/2020	Added new discrete and high-speed I/O expansion modules.
4th Edition, Rev F	02/2021	Clarified internal biasing for failsafe operation on RS-485 ports.
4th Edition, Rev G	09/2021	Clarified horizontal mounting clearances to adjacent wire ducts. BX-HSIO-4 input/output types changed to High Speed TTL Differential or Single Ended.
4th Edition, Rev H	11/2021	Updated BX-HSIO-4 to SureServo/SureStep wiring diagrams.
4th Edition, Rev I	12/2021	Added BX-HSIO-4 to Sourcing Input Device with Internal Power Supply wiring diagrams.
4th Edition, Rev J	04/2022	Clarified universal analog I/O modules require bipolar range selection for 16-bit resolution.
4th Edition, Rev K	12/2022	Replaced Type 1 fonts.
4th Edition, Rev L	02/2024	Updated BX-06RTD All Channel Update Rate.
4th Edition, Rev M	03/2024	Added BX-HSIO4 to Single-Ended Encoder wiring diagram.
4th Edition, Rev N	07/2024	Added EtherNet/IP Implicit messaging.
4th Edition, Rev O	10/2024	Clarified embedded web server security.

Notes: