

# BRX Pluggable Option Modules (POM)

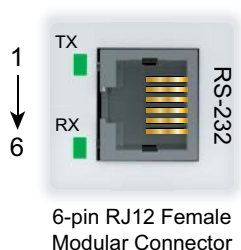
## BX-P-SER2-RJ12

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The RS-232 RJ12 POM can be connected to the Do-more! Designer programming software, Modbus RTU master or slave devices, DirectLogic PLCs via K-Sequence

protocol, as well as devices that send or receive non-sequenced ASCII strings or characters.

Pin #	Signal
1	0V Power (-) connection (GND)
2	5V Power (+) connection (220mA max)
3	RXD Receive Data (RS-232)
4	TXD Transmit Data (RS-232)
5	RTS Request to Send (RS-232)
6	CTS Clear to Send (RS-232)



## BX-P-SER2-RJ12 Specifications

<b>Description</b>	Non-isolated Serial port that can communicate via RS-232 Includes ESD protection and built-in surge protection.
<b>Supported Protocols</b>	Do-more!™ Protocol (Default) Modbus RTU (Master & Slave) K-Sequence (Slave) ASCII (In & Out)
<b>Data Rates</b>	1200, 2400, 4800, 9600, 19200, 38400, 57600, and 115200 Baud
<b>Default Settings</b>	115200bps, No Parity, 8 Data Bits, 1 Stop Bit, Station #1
<b>Port Status LED</b>	Green LED is illuminated when active for TXD and RXD
<b>Port Type</b>	RJ12 - 6P6C
<b>RS-232 Maximum Output Load (TXD/RTS)</b>	3kΩ, 1000pf
<b>RS-232 Minimum Output Voltage Swing</b>	±5V
<b>RS-232 Output Short Circuit Protection</b>	±15mA
<b>Cable Requirements</b>	RS-232 use P/N L19772-XXX from automationdirect.com
<b>Maximum Distance</b>	30 meters [100 feet]; 6 meters [20 foot] recommended maximum
<b>Replacement Connector</b>	N/A
<b>Hot Swappable</b>	Yes