

BRX Pluggable Option Modules (POM)

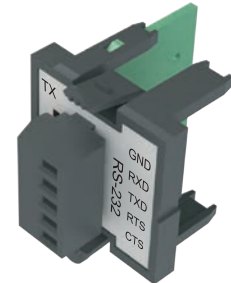
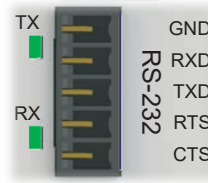
BX-P-SER2-TERMFC

\$83.00

The RS-232 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.

| Pinout | RS232 |
|--------|-------|
| 1 | GND |
| 2 | RXD |
| 3 | TXD |
| 4 | RTS |
| 5 | CTS |



Removable Connector Included

BX-P-SER2-TERMFC Specifications

| | |
|---|--|
| Description | Non-isolated Serial port that can communicate via RS-232. Includes ESD protection and built-in surge protection. |
| Supported Protocols | Do-more!™ Protocol (Default) Modbus RTU (Master & Slave) K-Sequence (Slave) ASCII (In & Out) |
| Data Rates | 1200, 2400, 4800, 9600, 19200, 38400, 57600, and 115200 Baud |
| Default Settings | 115200 bps, No Parity, 8 Data Bits, 1 Stop Bit, Station #1 |
| Port Status LED | Green LED is illuminated when active for TXD and RXD |
| Port Type | Removable 5-pin terminal strip 3.5mm pitch |
| RS-232 TX | RS-232 Transmit output |
| RS-232 RX | RS-232 Receive input |
| RS-232 GND | Logic ground |
| RS-232 CTS | RS-232 Clear to Send input |
| RS-232 RTS | RS-232 Request to Send input |
| RS-232 Maximum Output Load (TXD/RTS) | 3 kΩ, 1000 pF |
| RS-232 Minimum Output Voltage Swing | ±5V |
| RS-232 Output Short Circuit Protection | ±15 mA |
| Cable Requirements | RS-232 use P/N L19853-XXX from automationdirect.com |
| Maximum Distance | 6m [20ft] recommended maximum |
| Replacement Connector | ADC Part # BX-RTB05S |
| Hot Swappable | Yes |
| Software Version Required | Do-more! Designer version 2.7 or later |

BX-RTB05S

\$4.75

Replacement removable connector.



BX-RTB05S Connector Specifications

| | |
|---------------------------------|---------------------------|
| Part Number | BX-RTB05S |
| Connector Type | Screw type |
| Wire Exit | 180° |
| Pitch | 3.5mm |
| Screw Size | M2 |
| Recommended Screw Torque | <1.77 lb-in [0.2 N·m] |
| Screwdriver Blade Width | 2.5mm |
| Wire Gauge (Single Wire) | 28–16 AWG |
| Wire Gauge (Two Wires) | 28–16 AWG |
| Wire Strip Length | 0.24in [6mm] |
| Equiv. Dinkle part # | EC350V-05P-BK |